

Figure 1

TOP SECRET

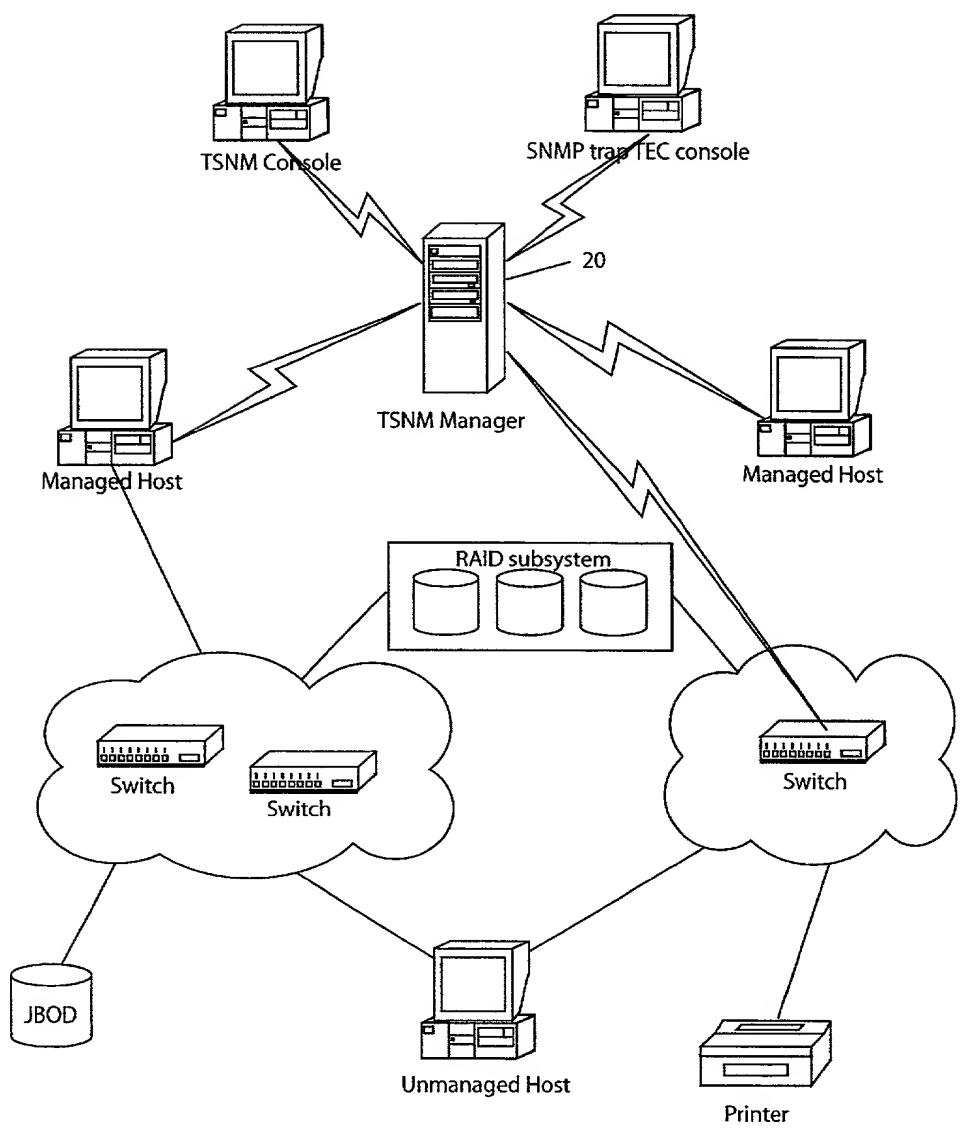


Figure 2

Patent # 6,222,660

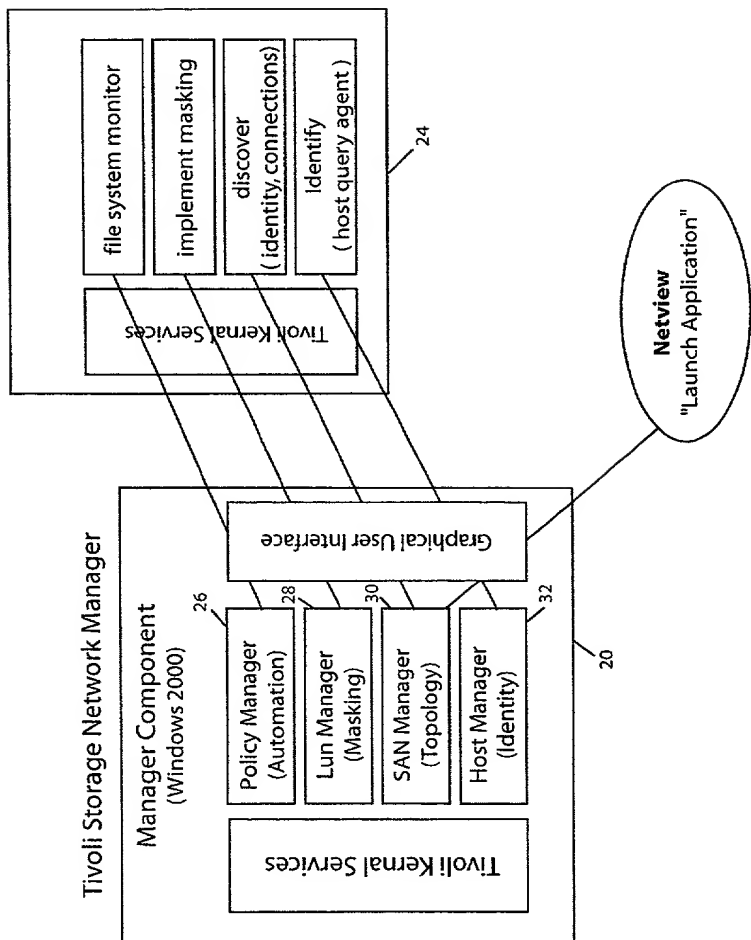


Figure 3

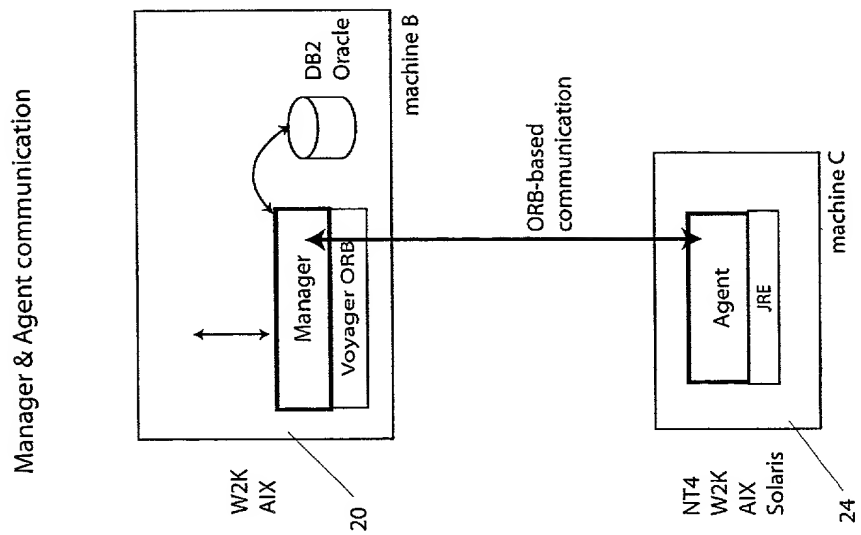


Figure 4

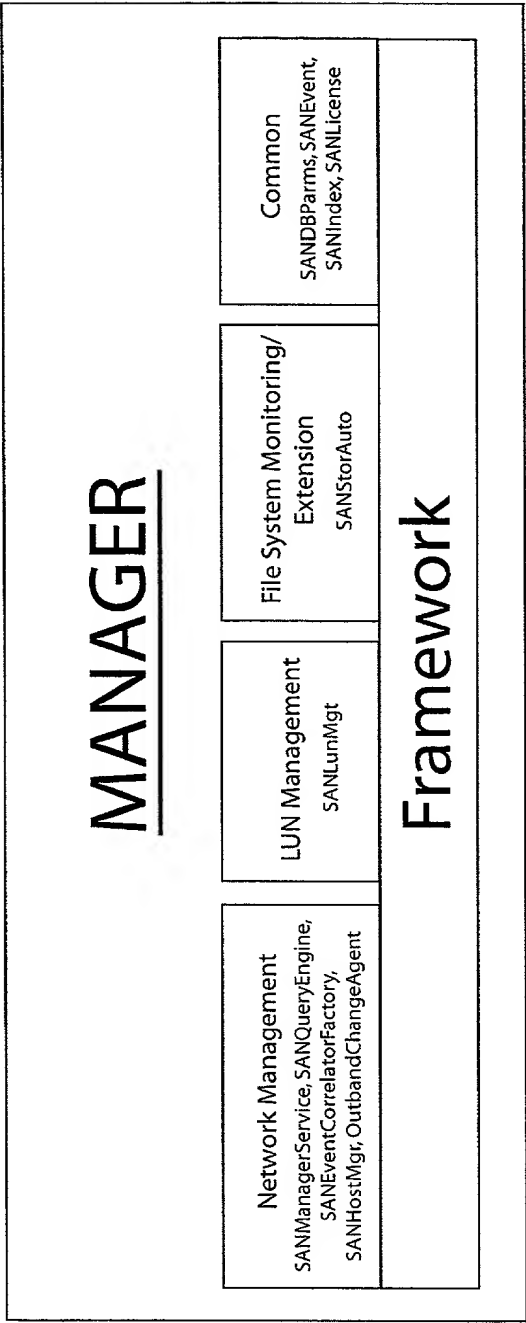


Figure 5

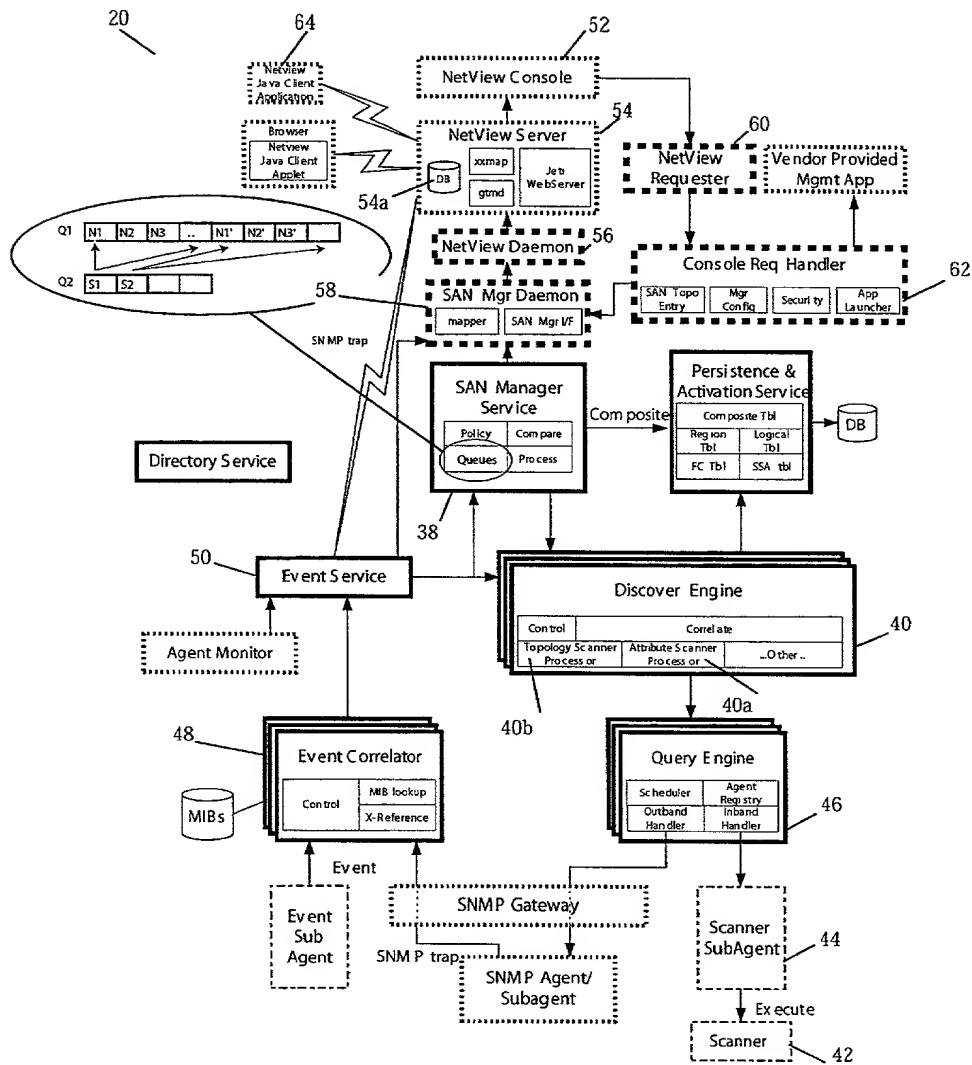


Figure 6

FIG. 7A

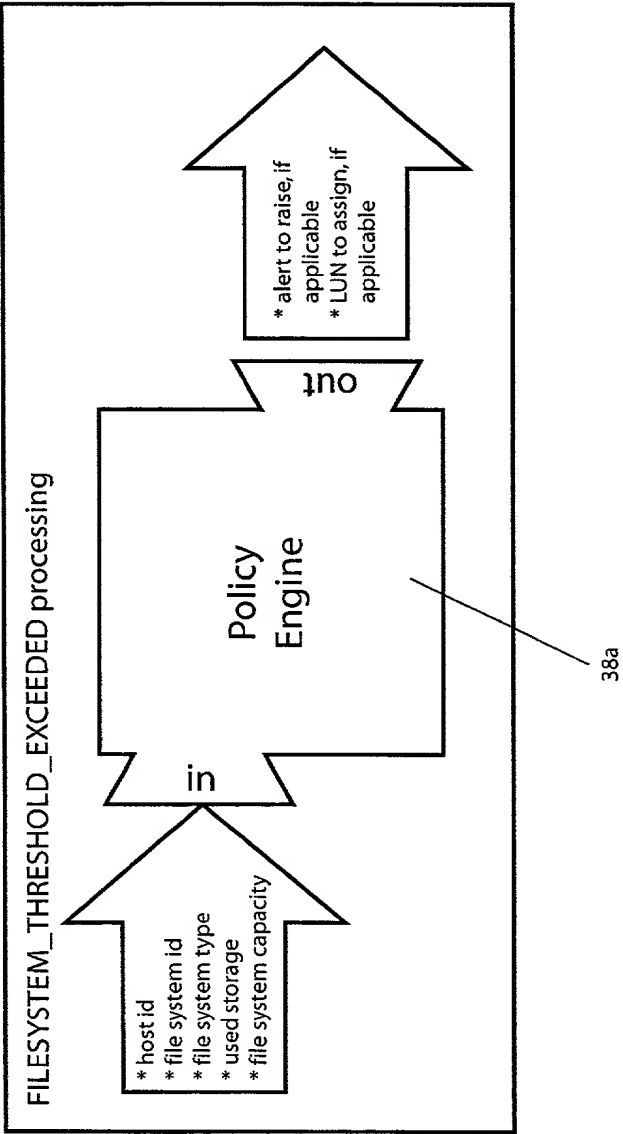


Figure 7A

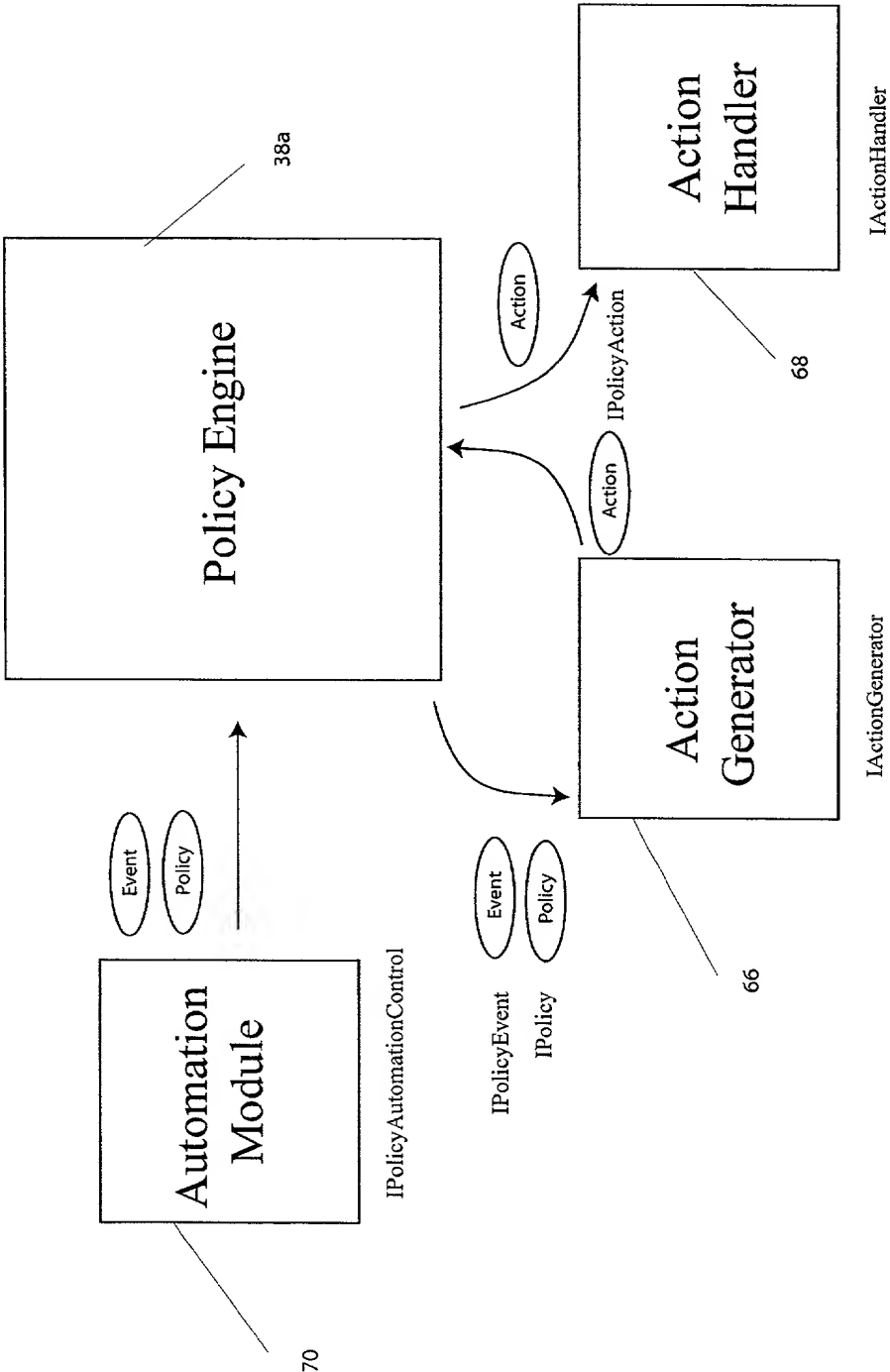


Figure 7B



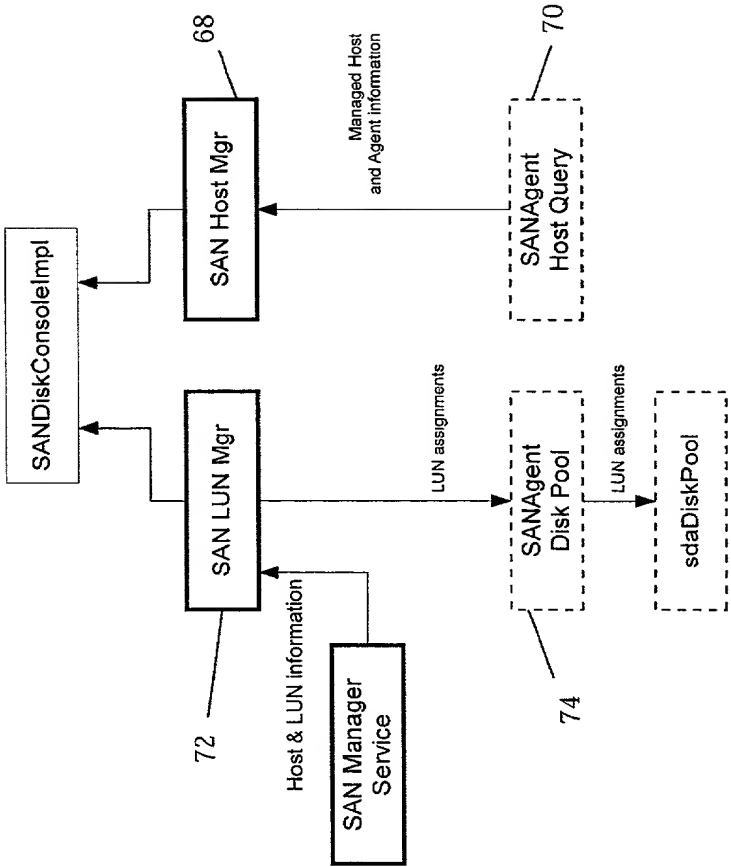


Figure 8

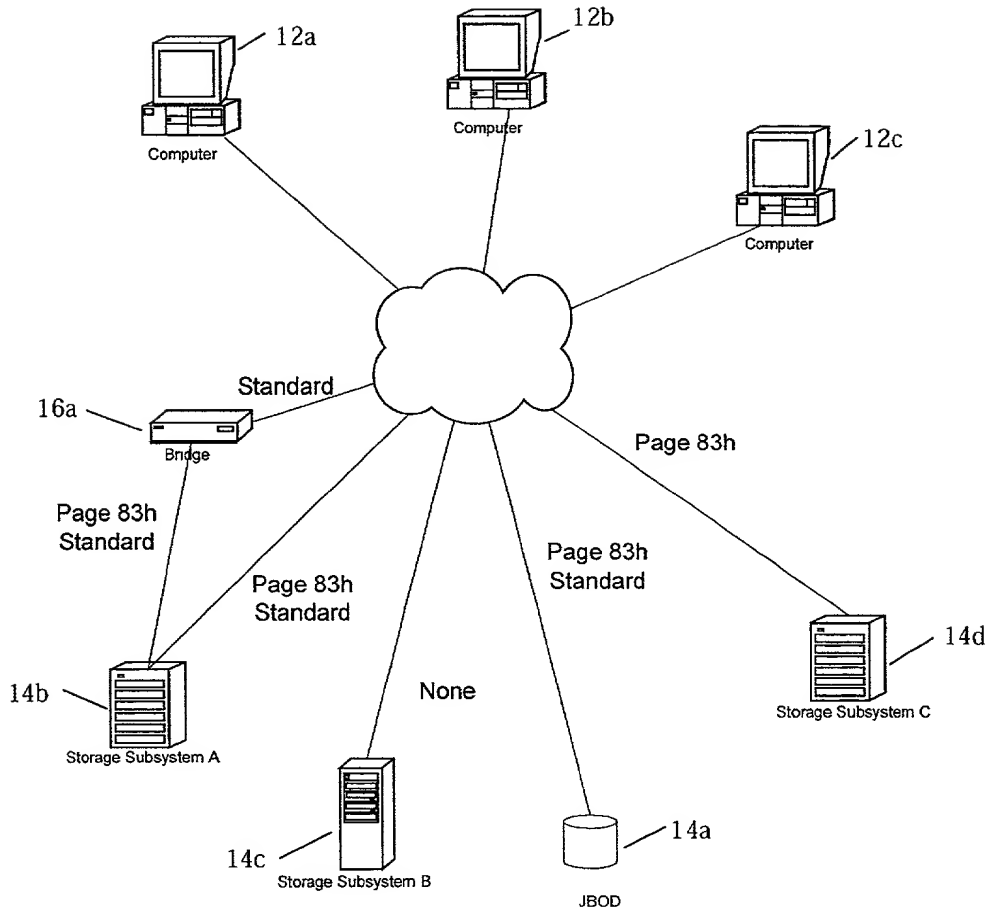
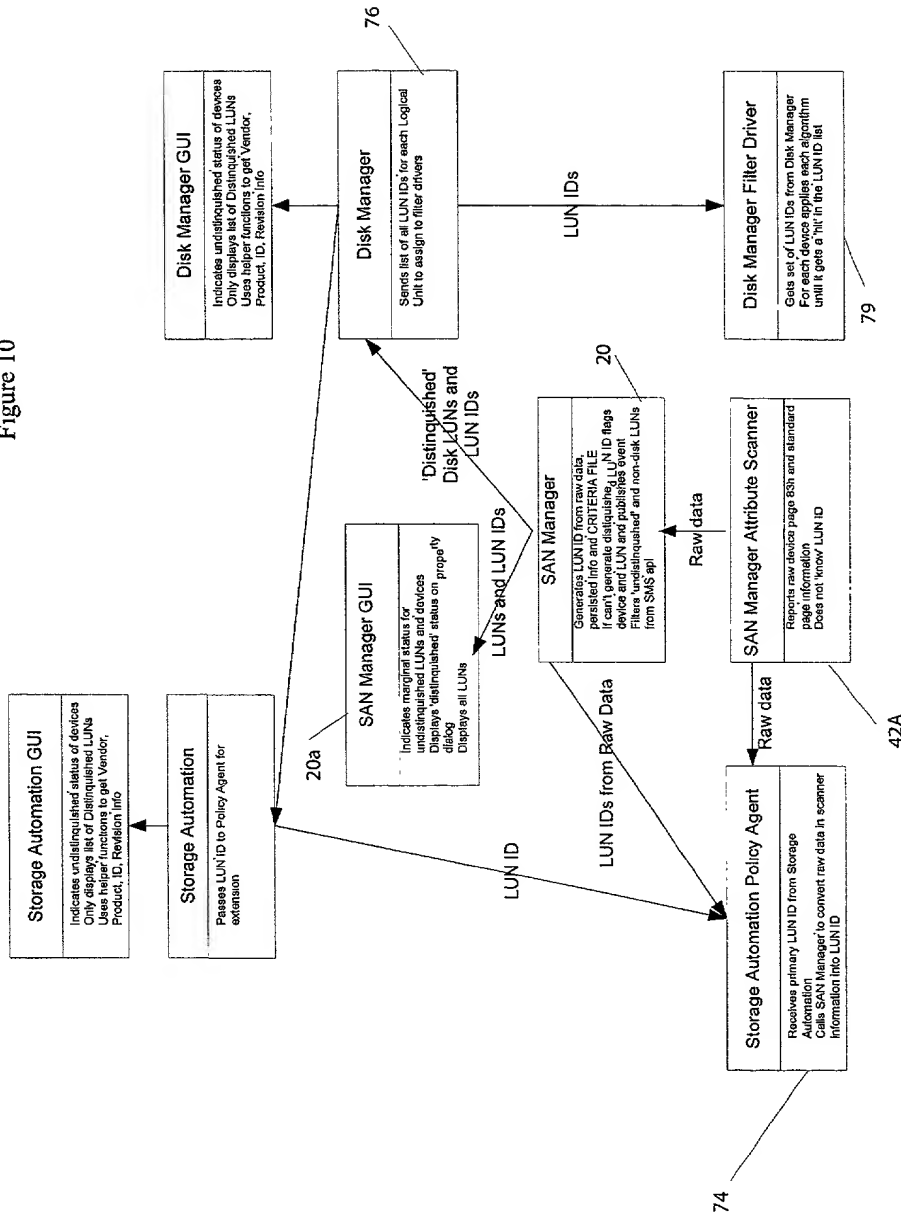


Figure 9

Figure 10



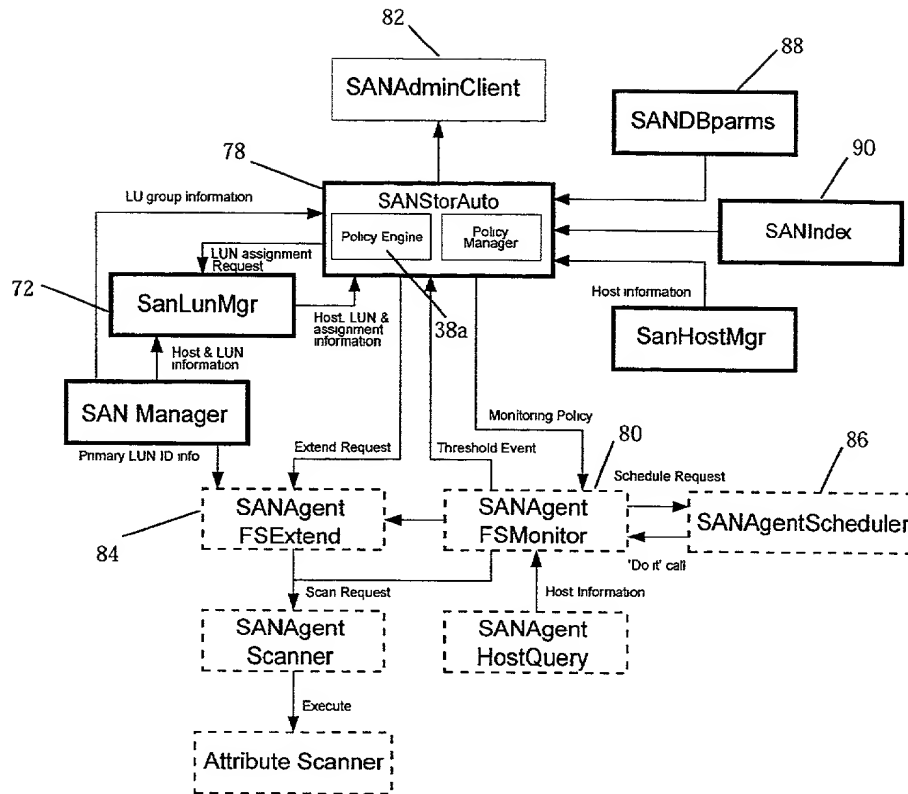


Figure 11

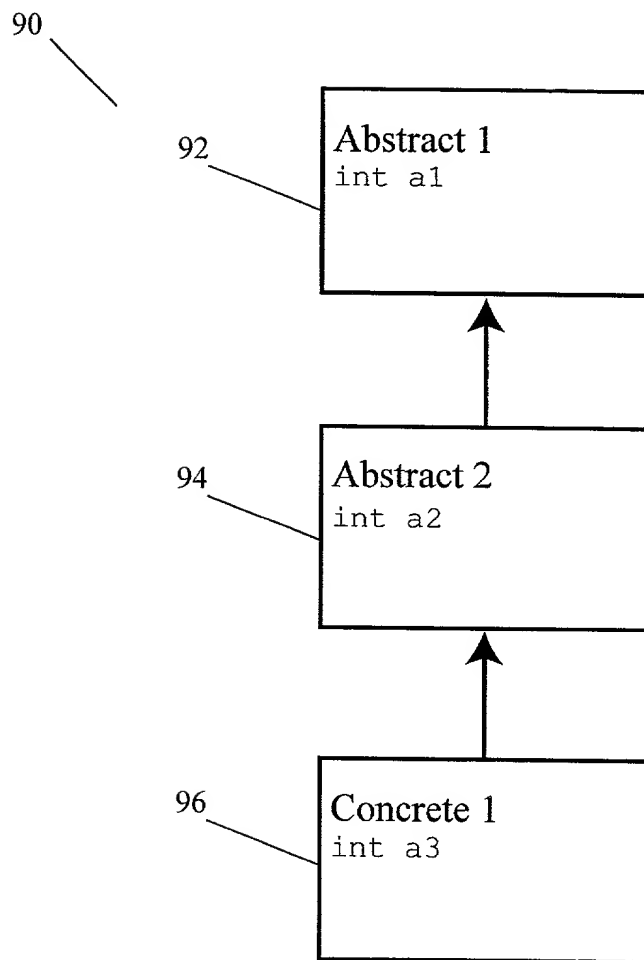


Figure 12

FIG. 13

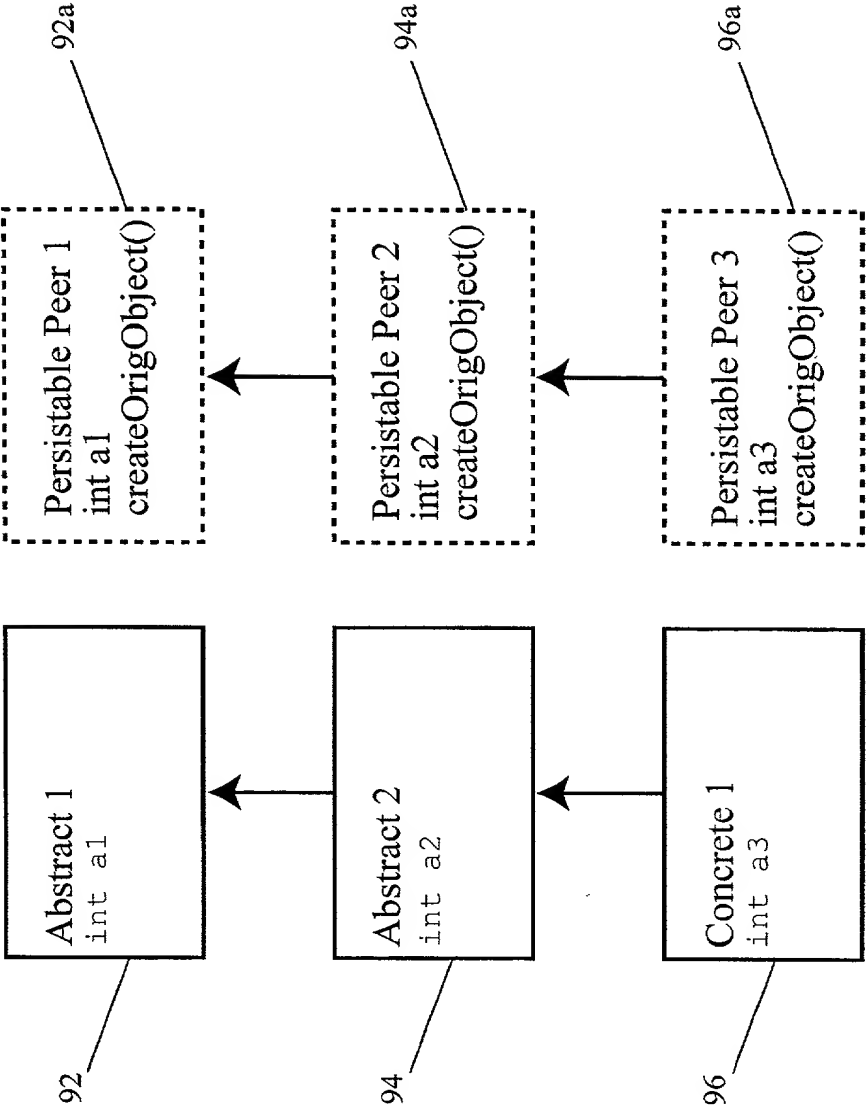


Figure 13

Figure 14a

Figure 14b

Figure 14c

Figure 14d

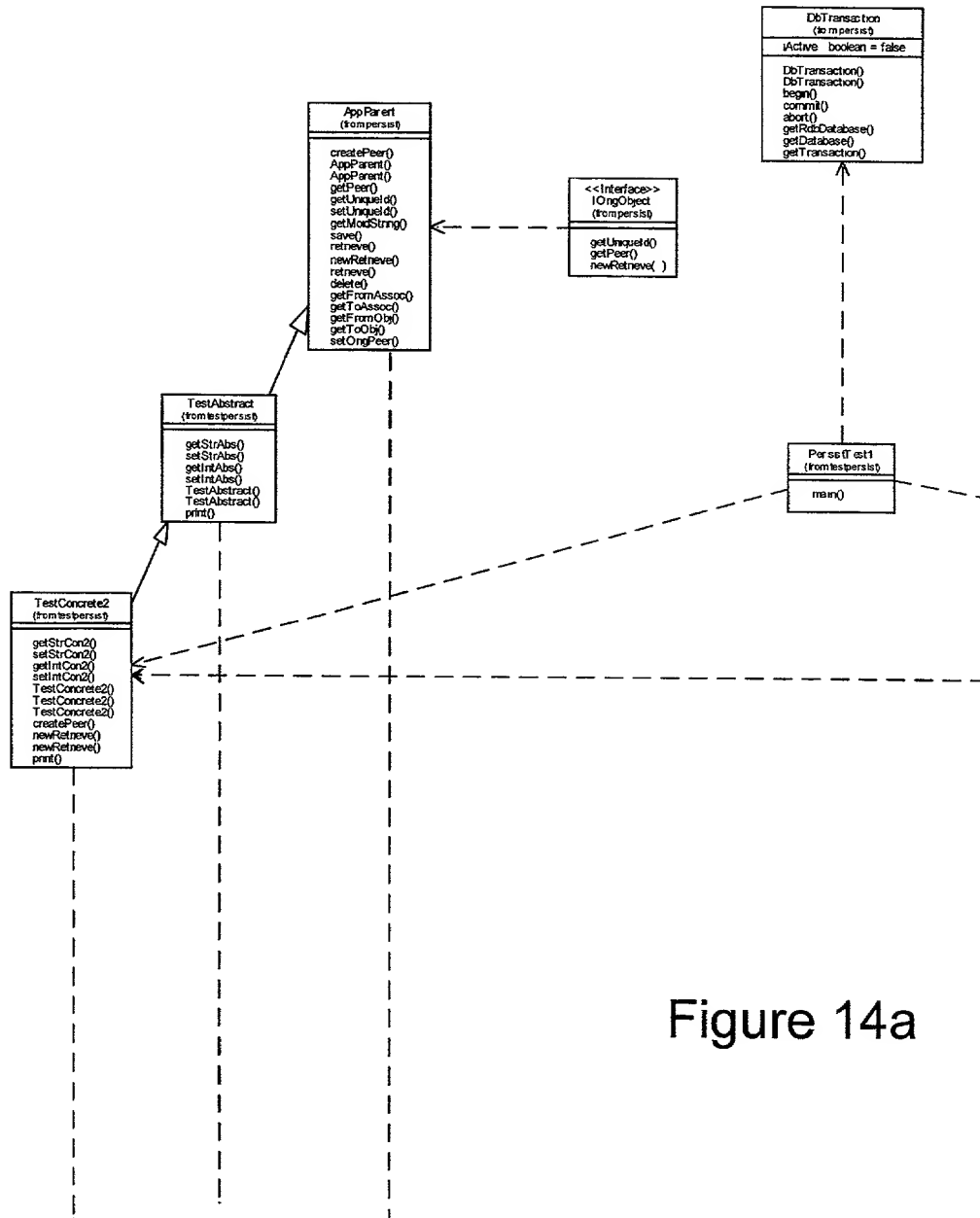


Figure 14a



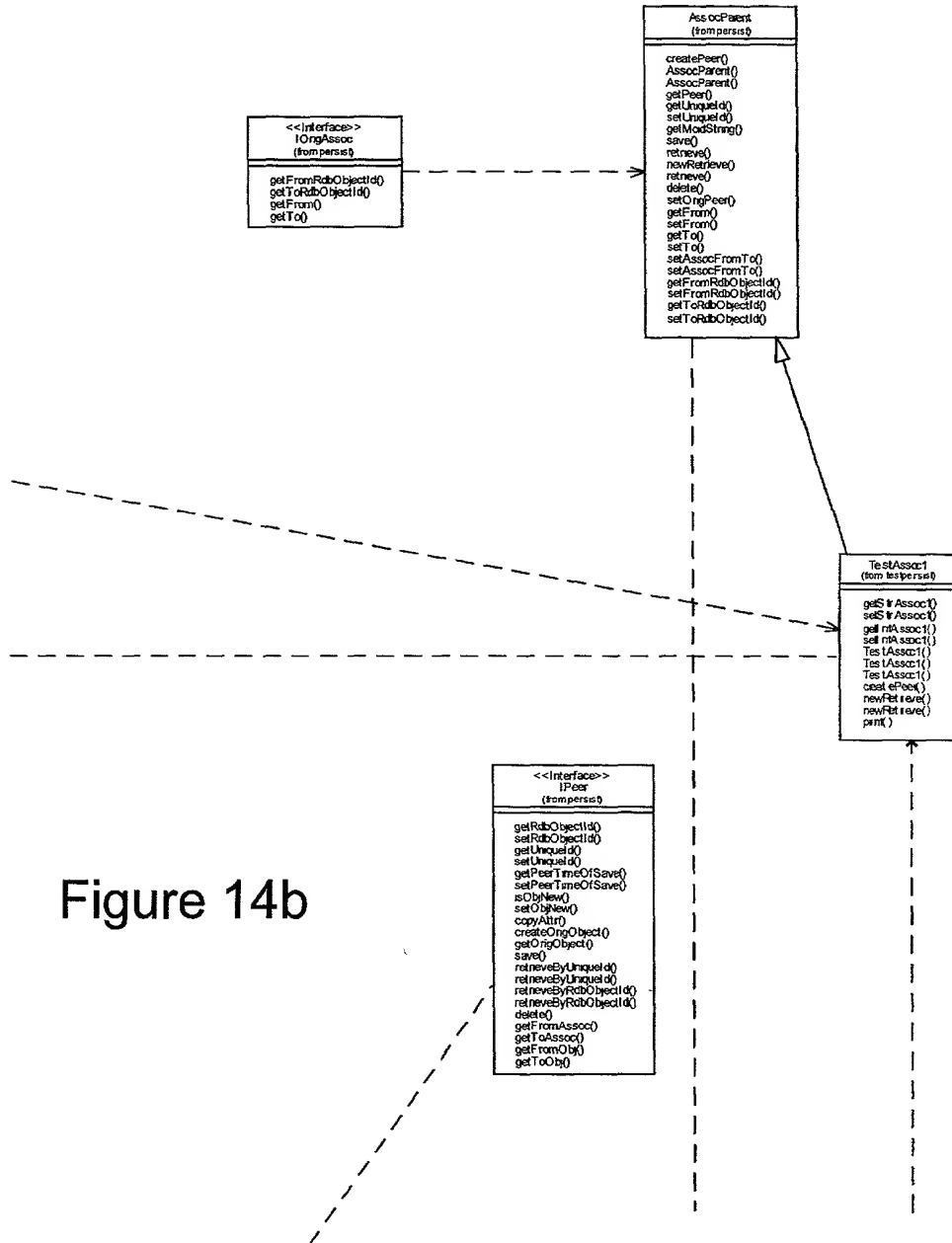


Figure 14b

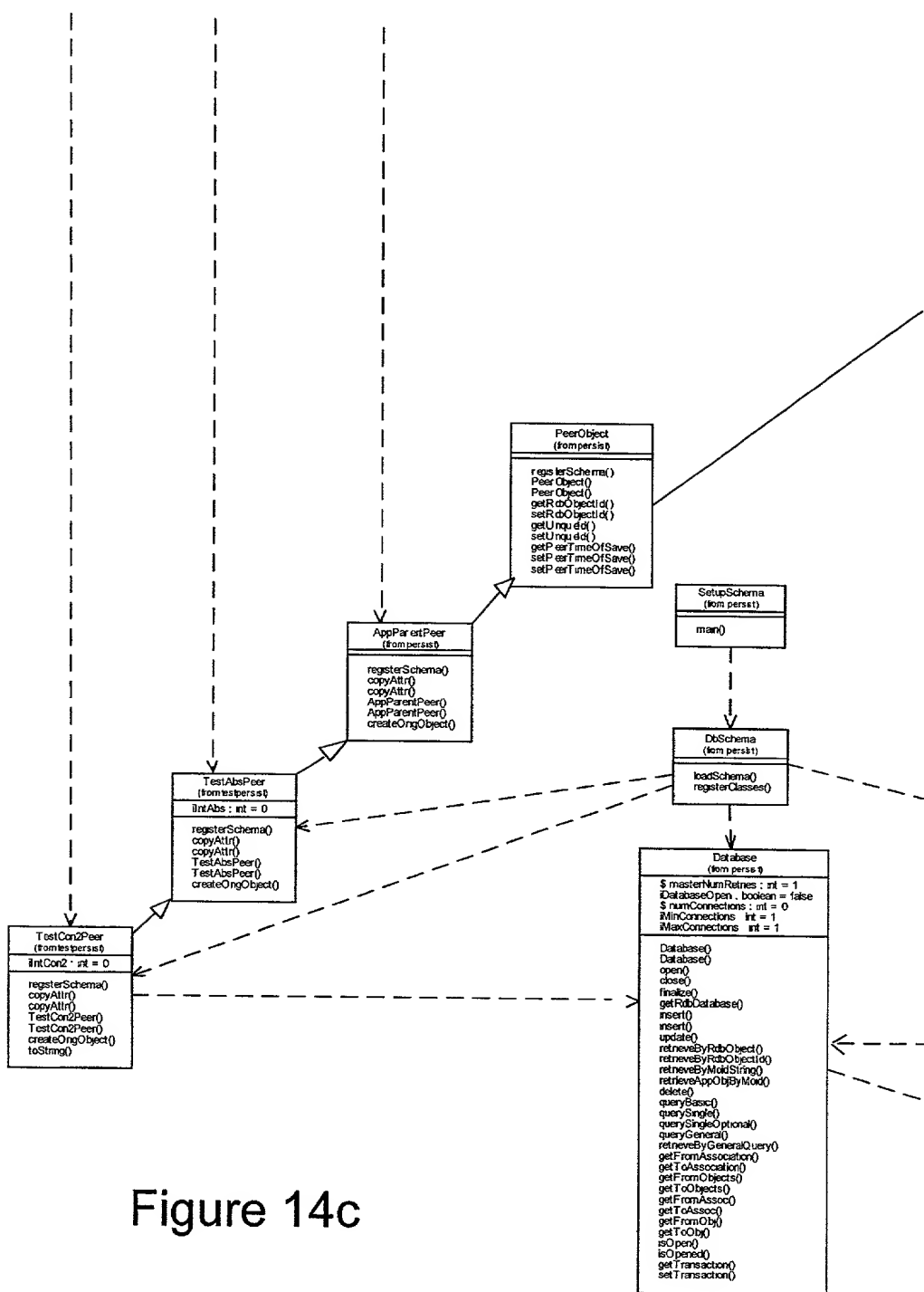


Figure 14c

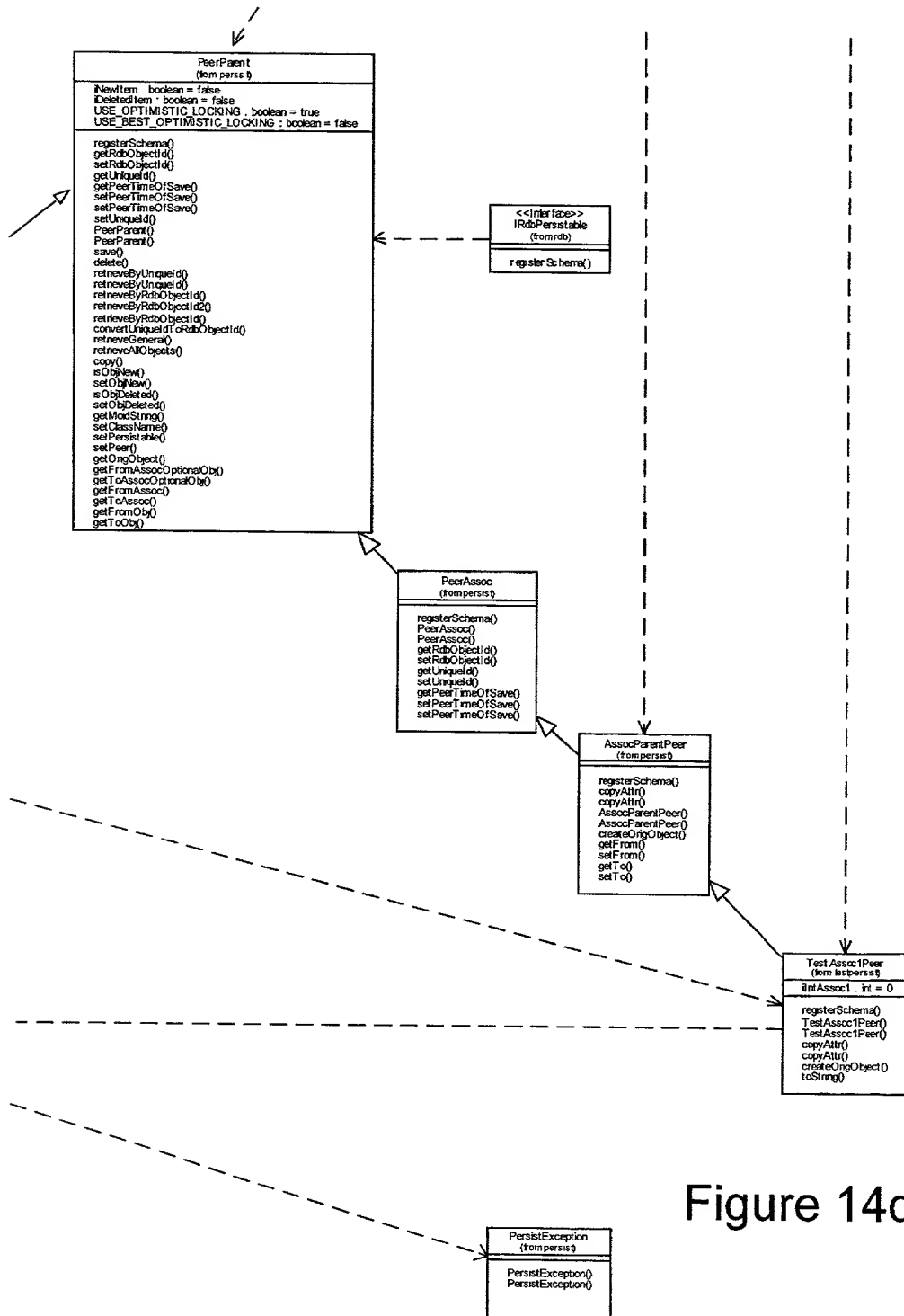


Figure 14d

# GUI (server) & Manager communication

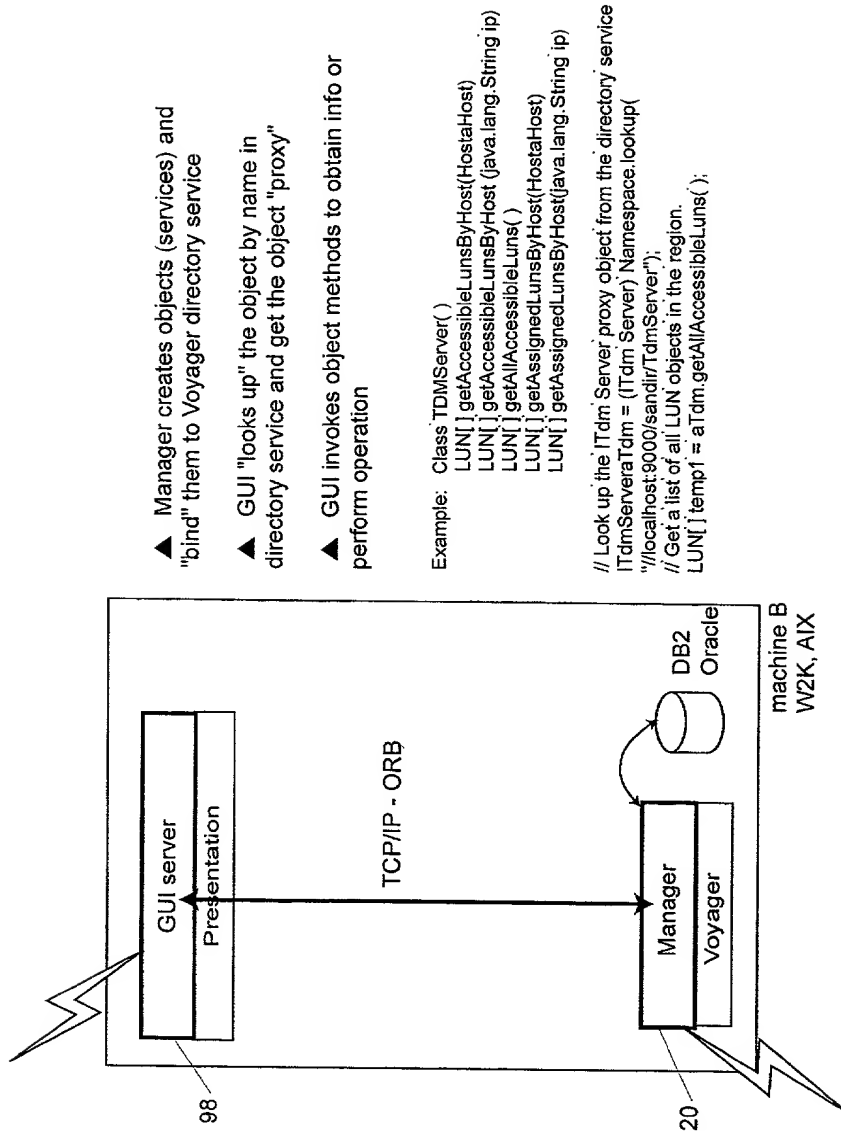


Figure 15

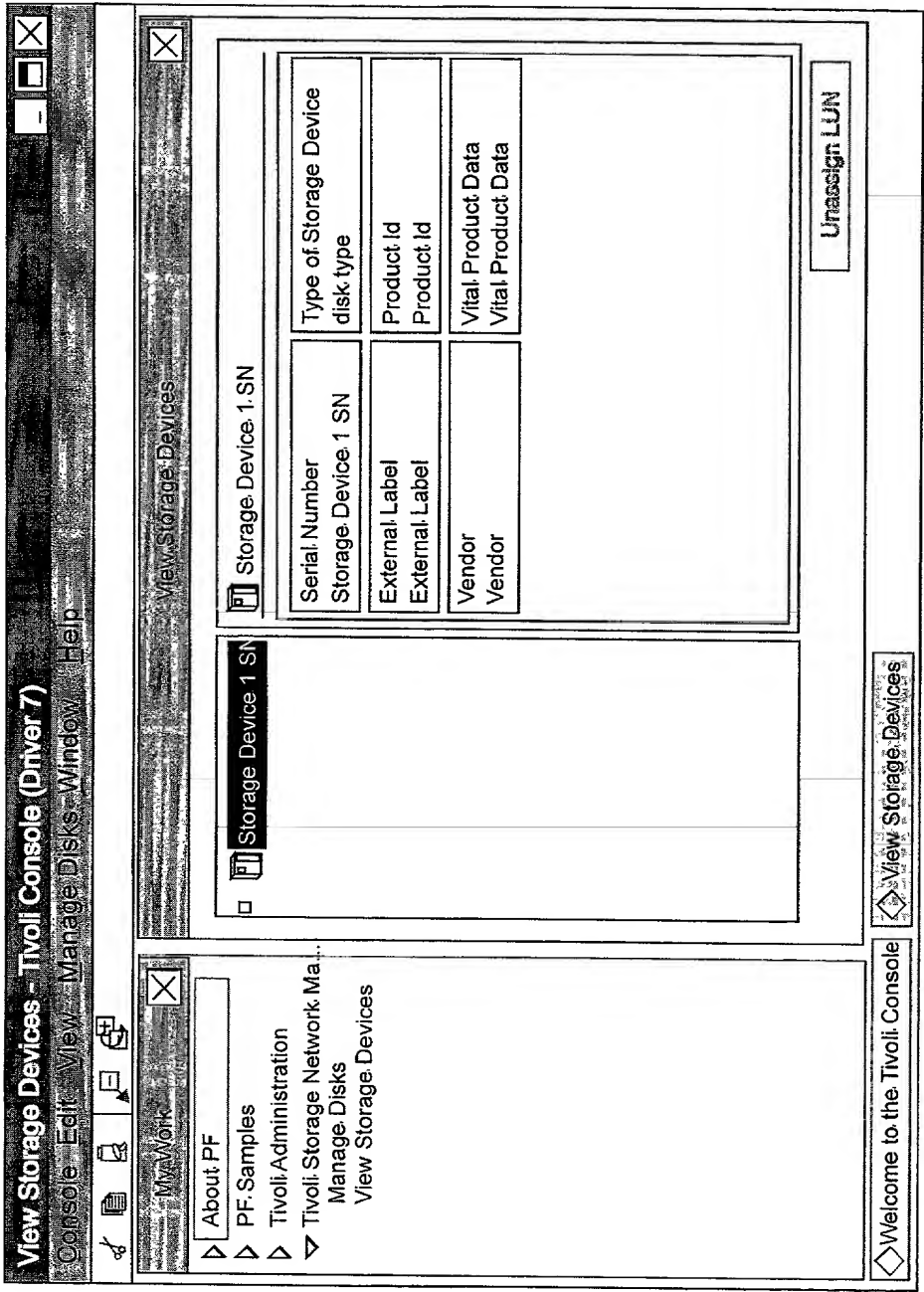


Figure 16

102

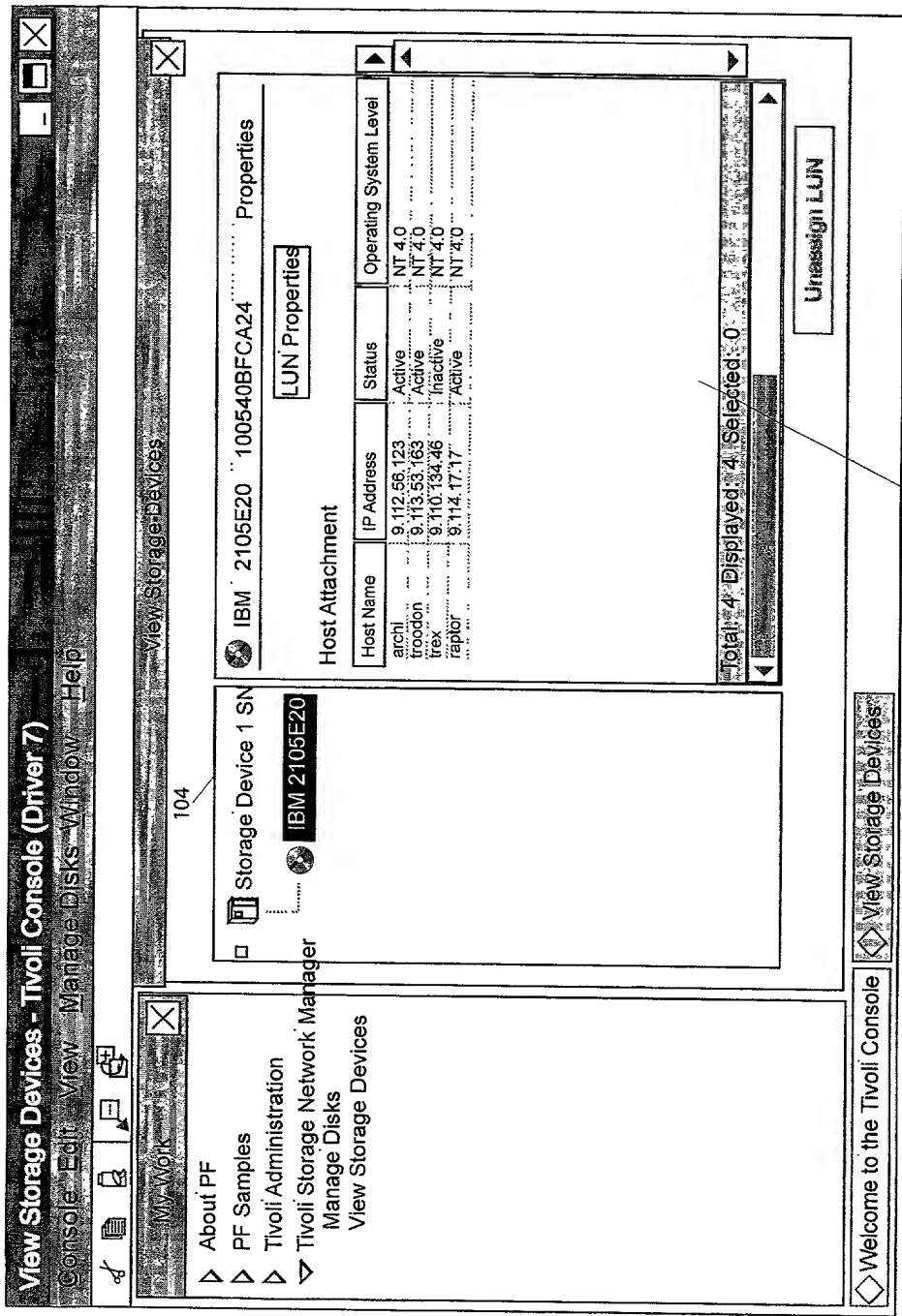


Figure 17

106

108

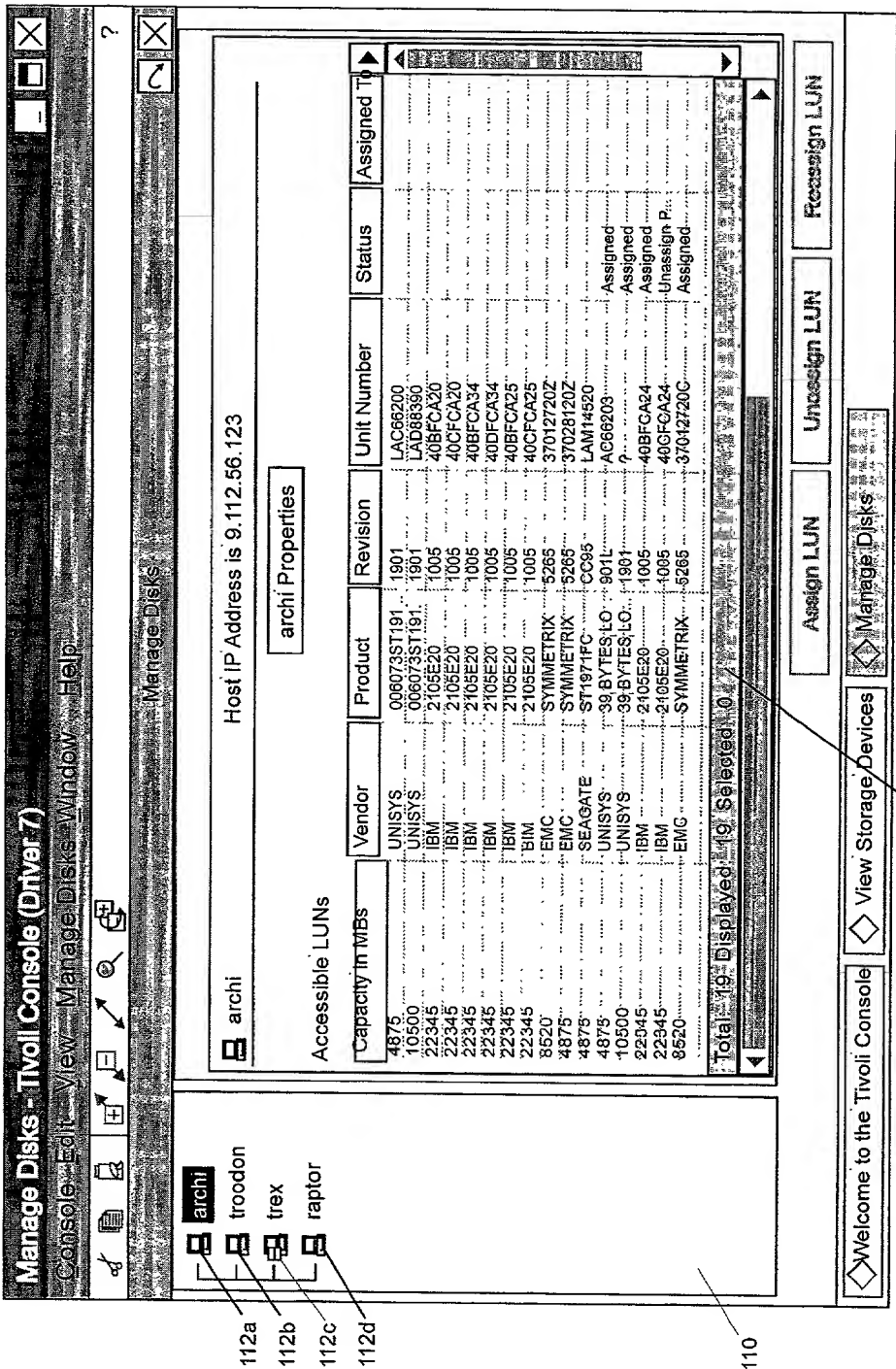


Figure 18

FOUO 01E22660

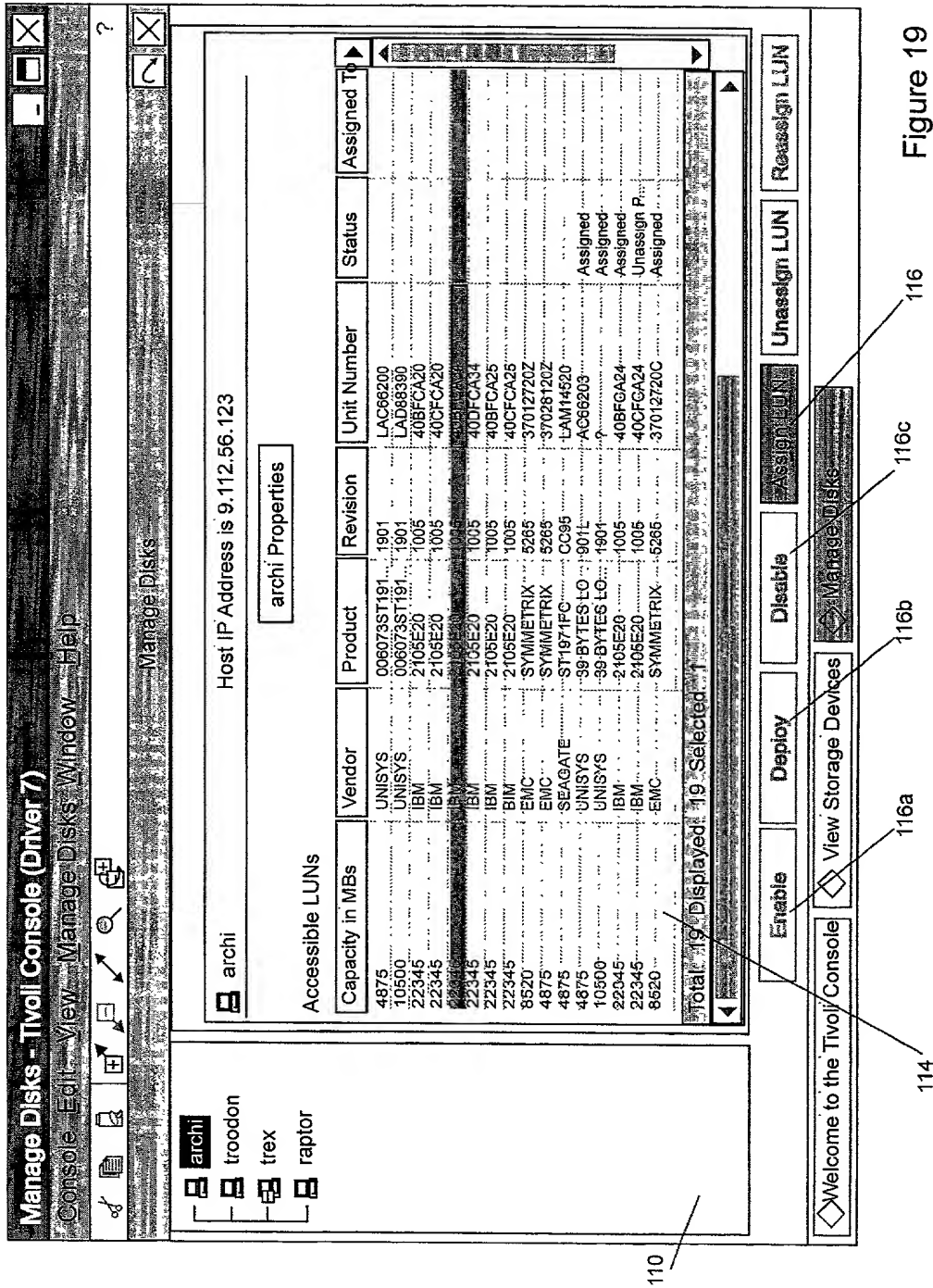
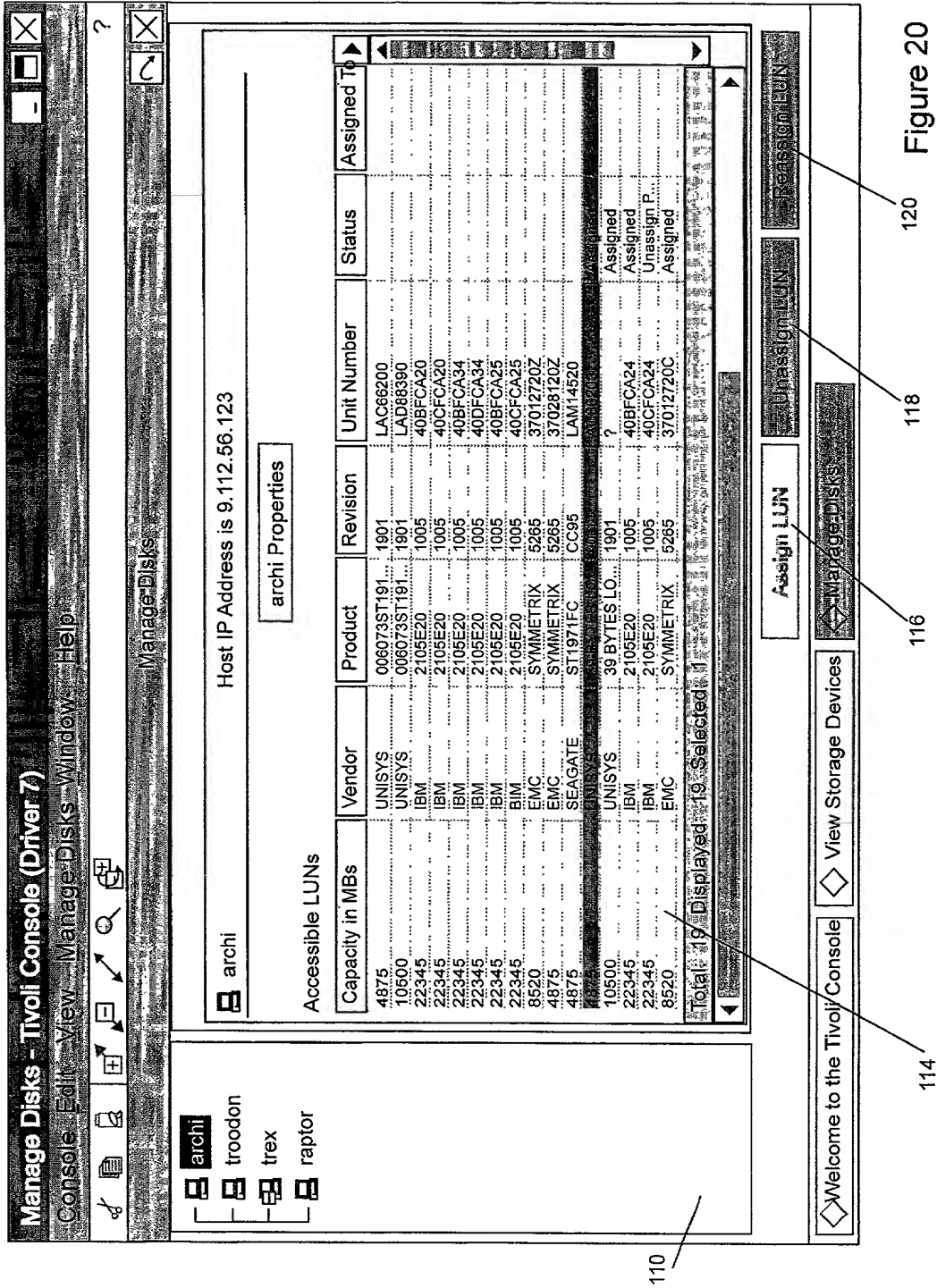


Figure 19





Clearing the Filter

Manage Disks - Tivoli Console (Driver 7)

Console Edit View Manage Disks Window Help

archi troodon trex raptor vega

Host Properties

Host IP Address is 9.112.56.123

Accessible LUNs

| Capacity in MB | Vendor | Product     | Revision | Unit Number | Status           | Assigned To Other | Logical Unit |
|----------------|--------|-------------|----------|-------------|------------------|-------------------|--------------|
| 22,345         | IBM    | 2105E20     | 1005     | 40CFCAC24   | Unassign Pending |                   | LU group1    |
| 10,500         | UNISYS | 006073ST191 | 1901     | LAD88397    | Assigned         |                   | LU group1    |
| 22,345         | IBM    | 2105E20     | 1005     | 40BFCAC34   | Assigned         |                   | LU group1    |
| 8,520          | EMC    | SYMMETRIX   | 5285     | 37012720C   | Assigned         |                   | LU group1    |
| 10,500         | UNISYS | 006073ST191 | 1901     | LAD88390    |                  |                   | LU group1    |
| 22,345         | IBM    | 2105E20     | 1005     | 40BFCAC20   |                  |                   | LU group1    |
| 22,345         | IBM    | 2105E20     | 1005     | 40BFCAC34   |                  |                   | LU group1    |
| 22,345         | IBM    | 2105E20     | 1005     | 40BFCAC34   |                  |                   | LU group1    |
| 22,345         | IBM    | 2105E20     | 1005     | 40BFCAC28   |                  |                   | LU group1    |
| 22,345         | IBM    | 2105E20     | 1005     | 40CFCAC25   |                  |                   | LU group1    |
| 8,520          | EMC    | SYMMETRIX   | 5285     | 37012720C   |                  |                   | LU group1    |

Total: 19 Displayed 12 Selected 0

Welcome

Manage LUNs

Assign LUN

Unassign LUN

Reassign LUN

122

Figure 21

Custom Filtering

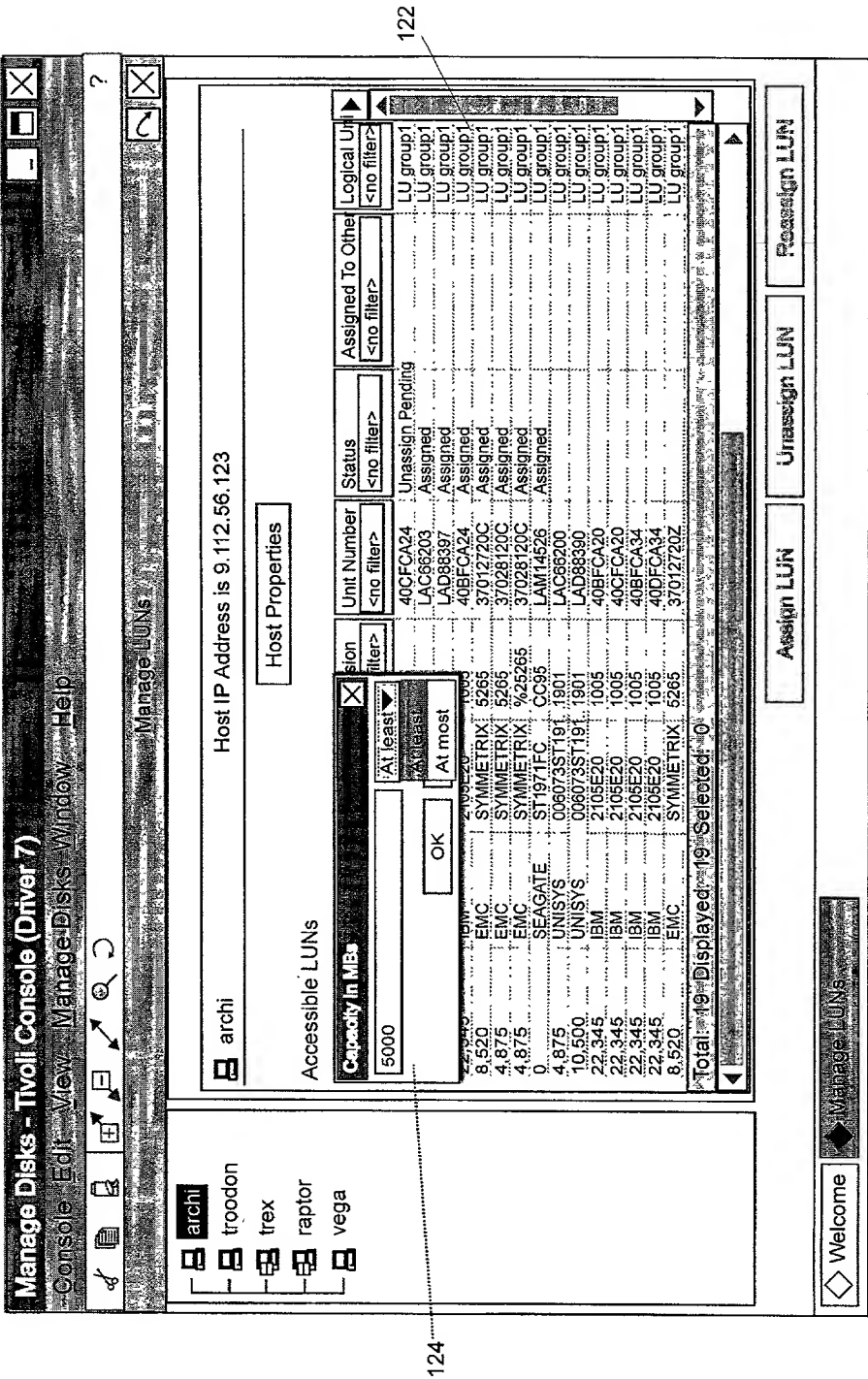


Figure 22

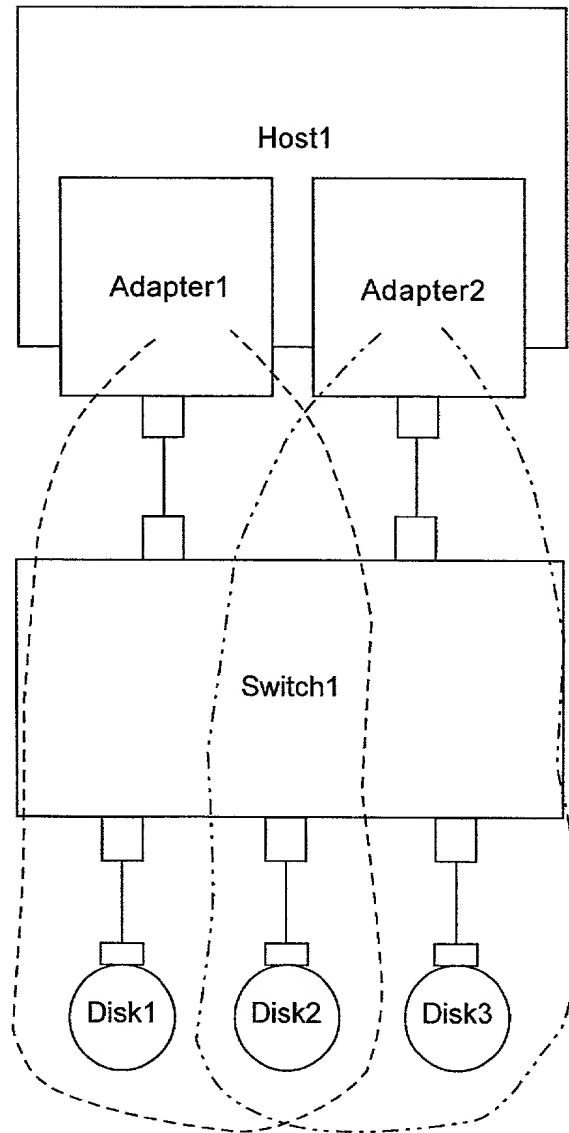


Figure 23

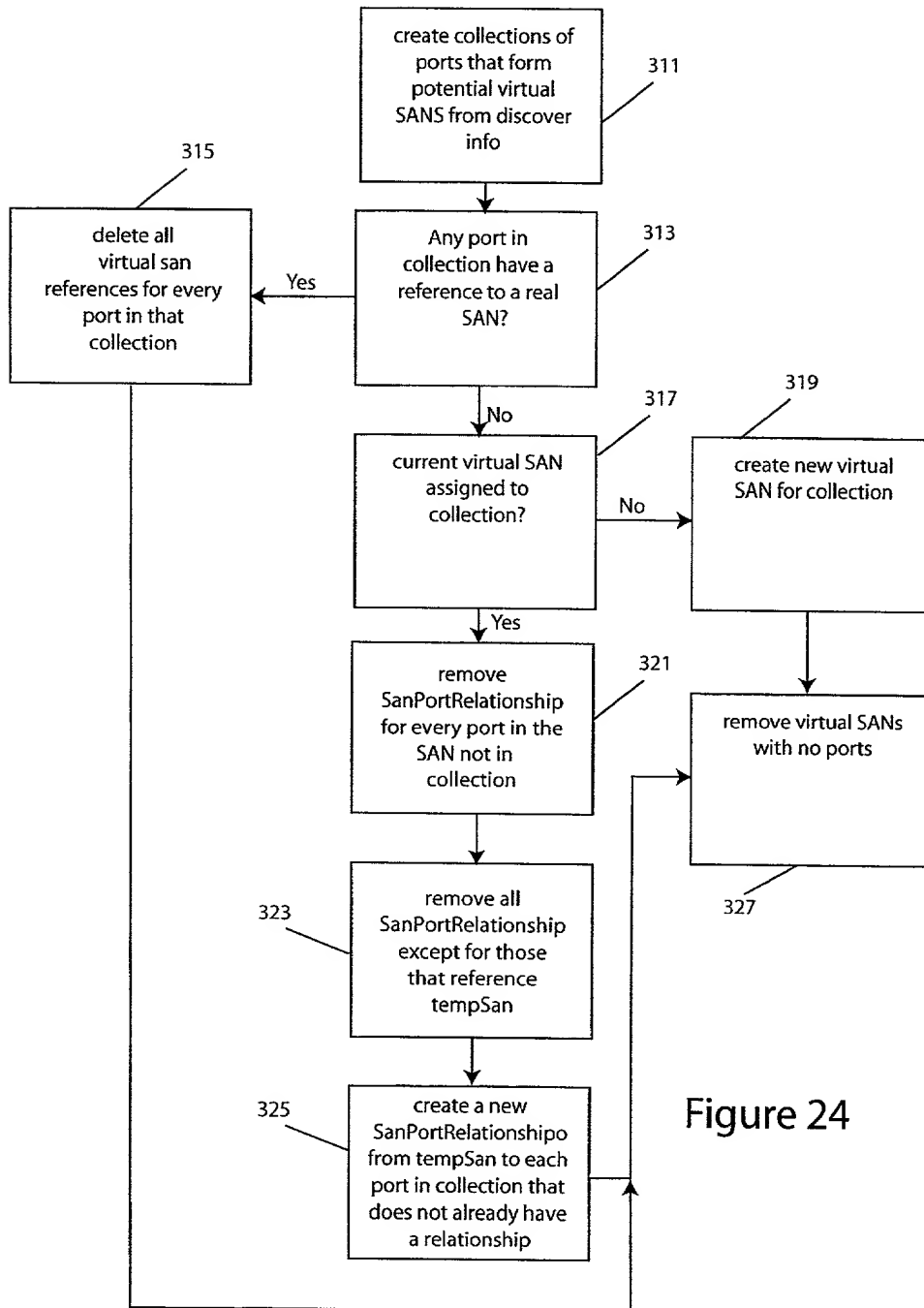


Figure 24

FIG. 25

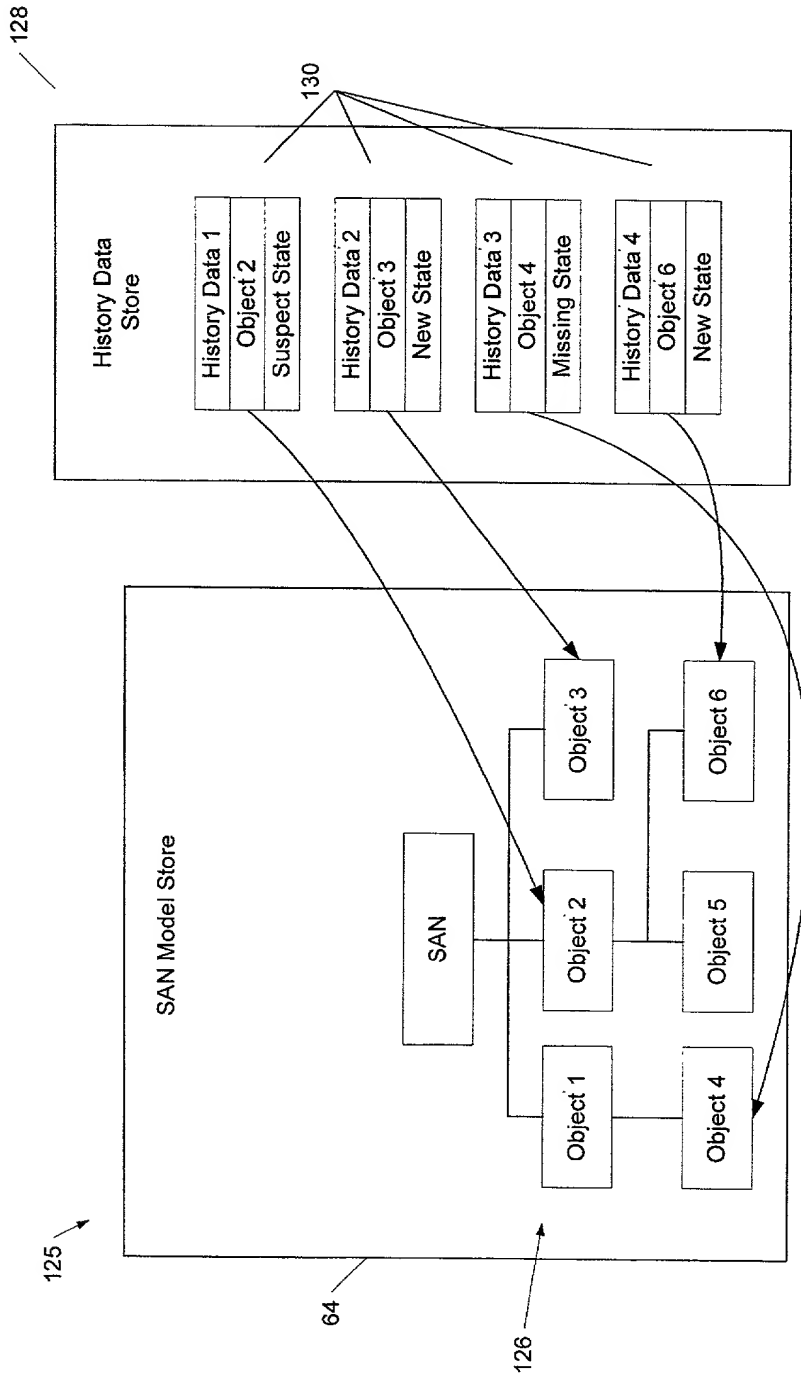


FIGURE 25

FIGURE 26

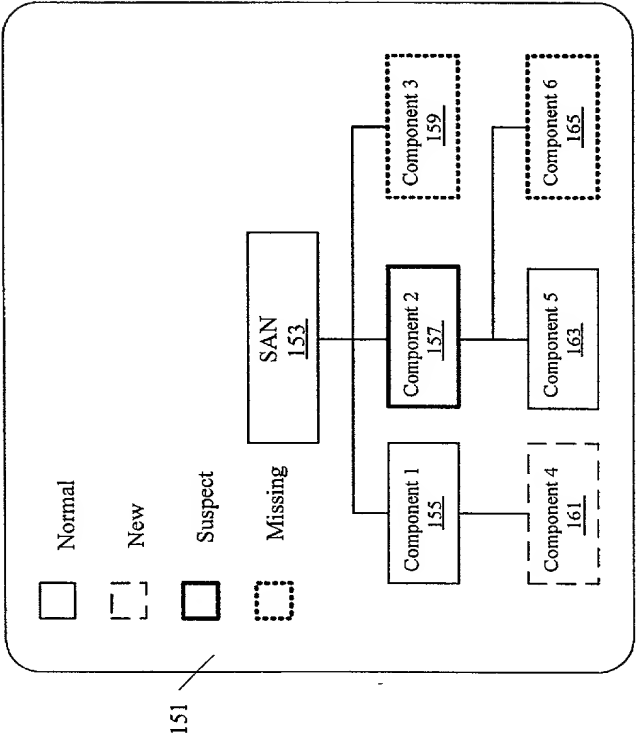


FIGURE 26

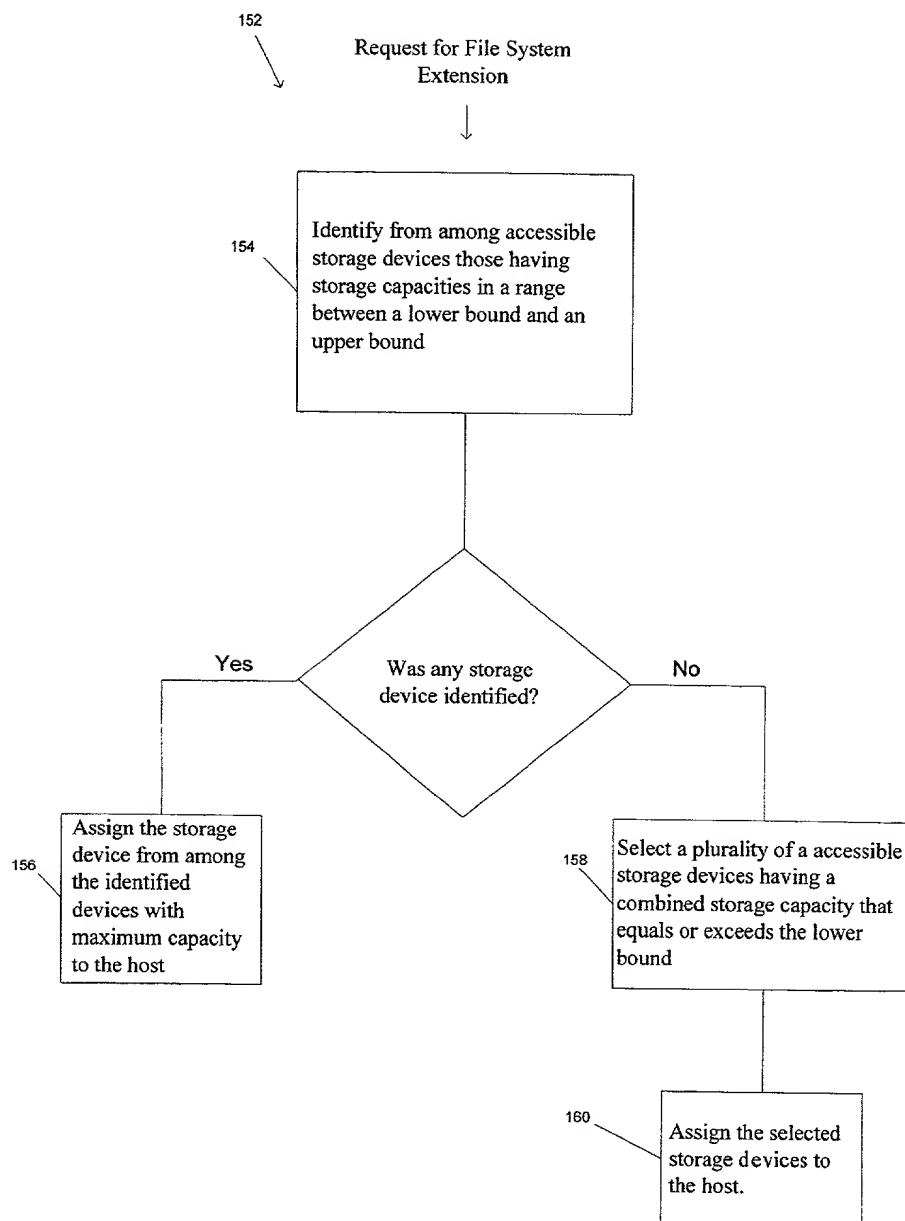


Figure 27



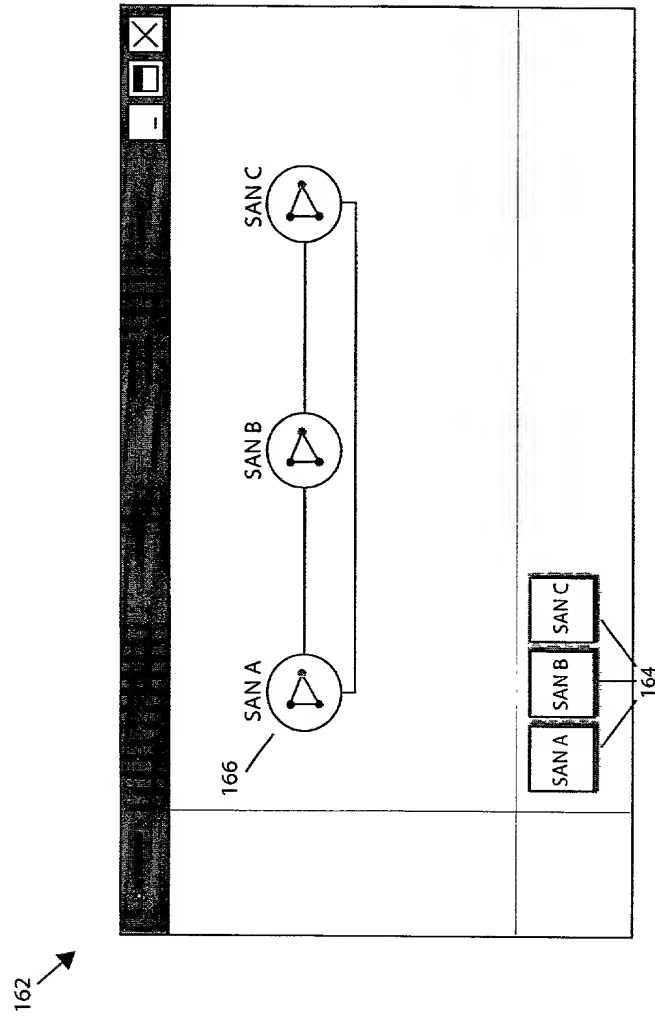


Figure 28

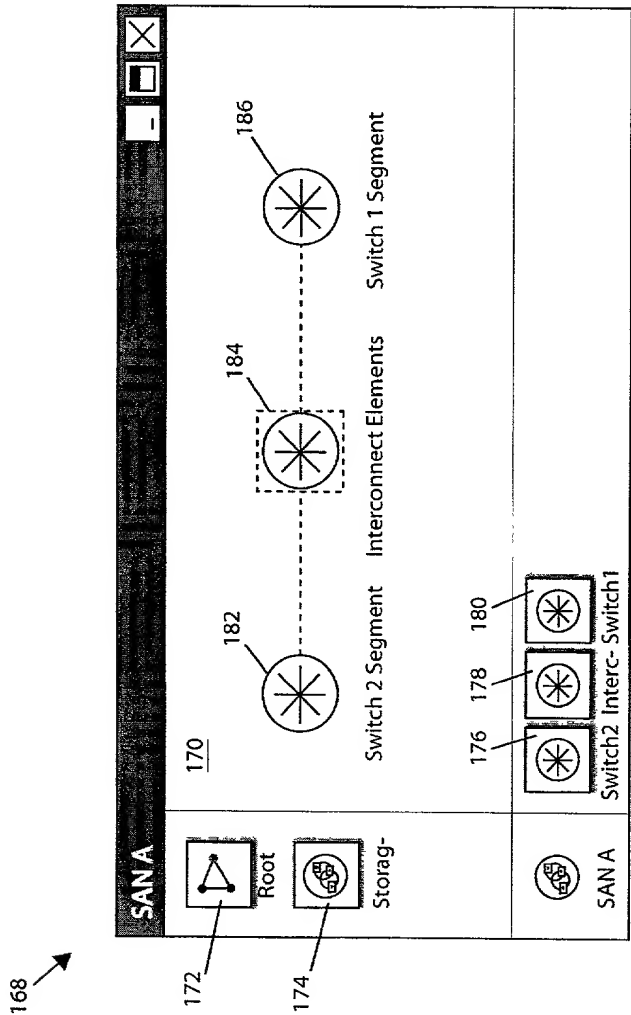


Figure 29

01E22660

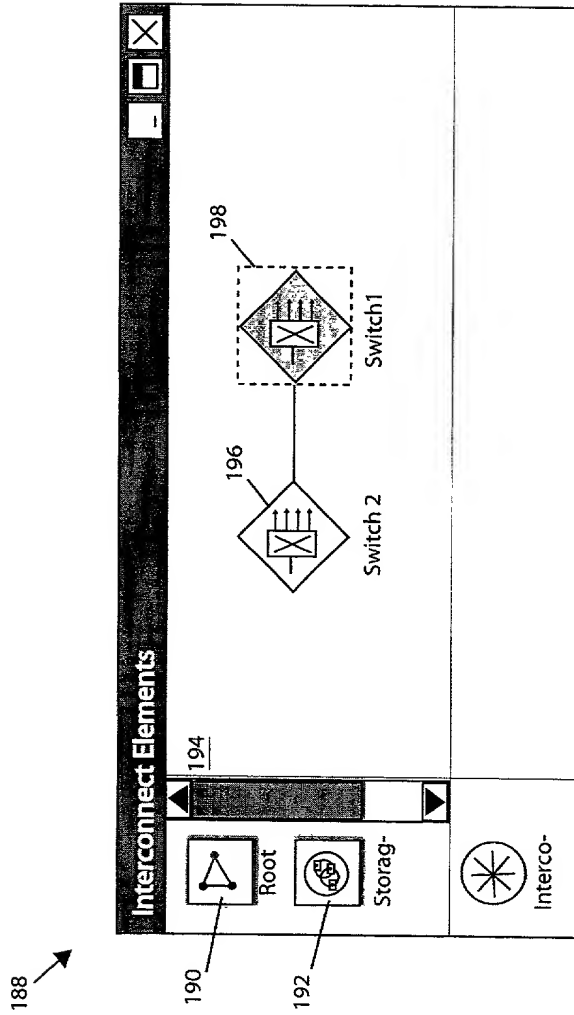


Figure 30

FIG. 22

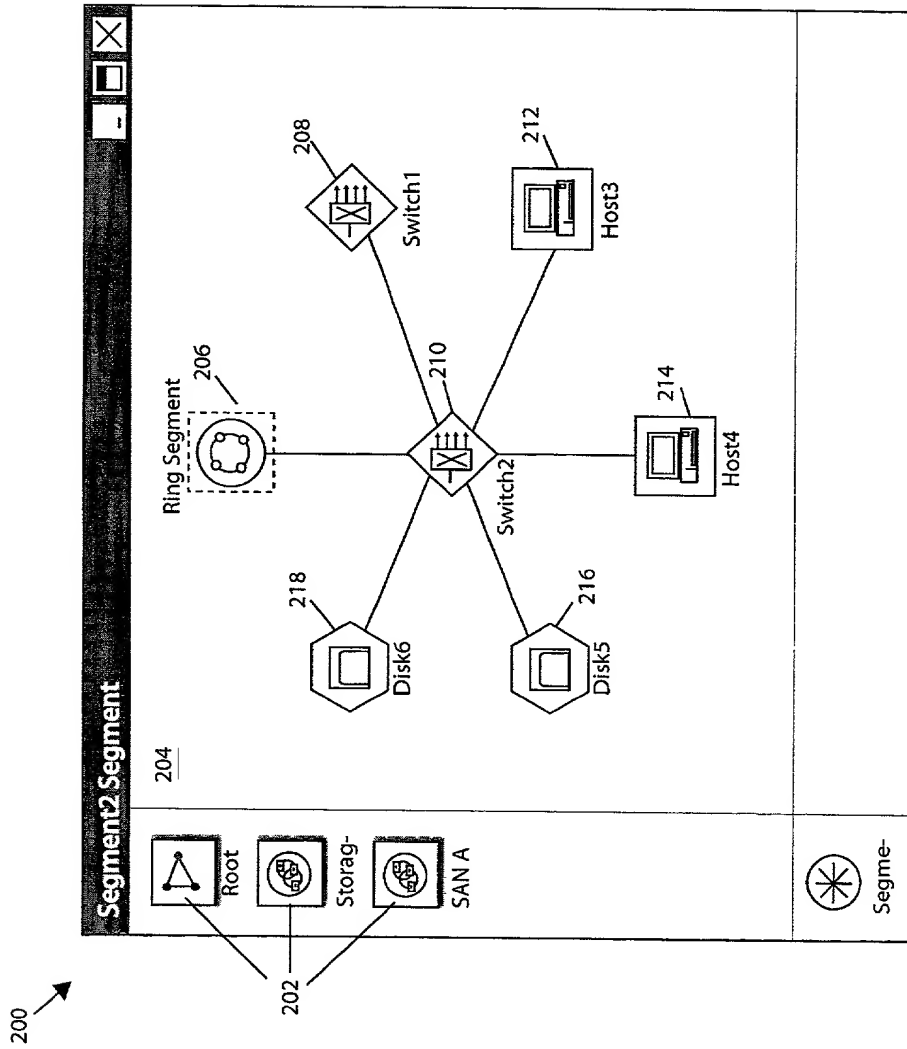


Figure 31

FOOT-01E2660

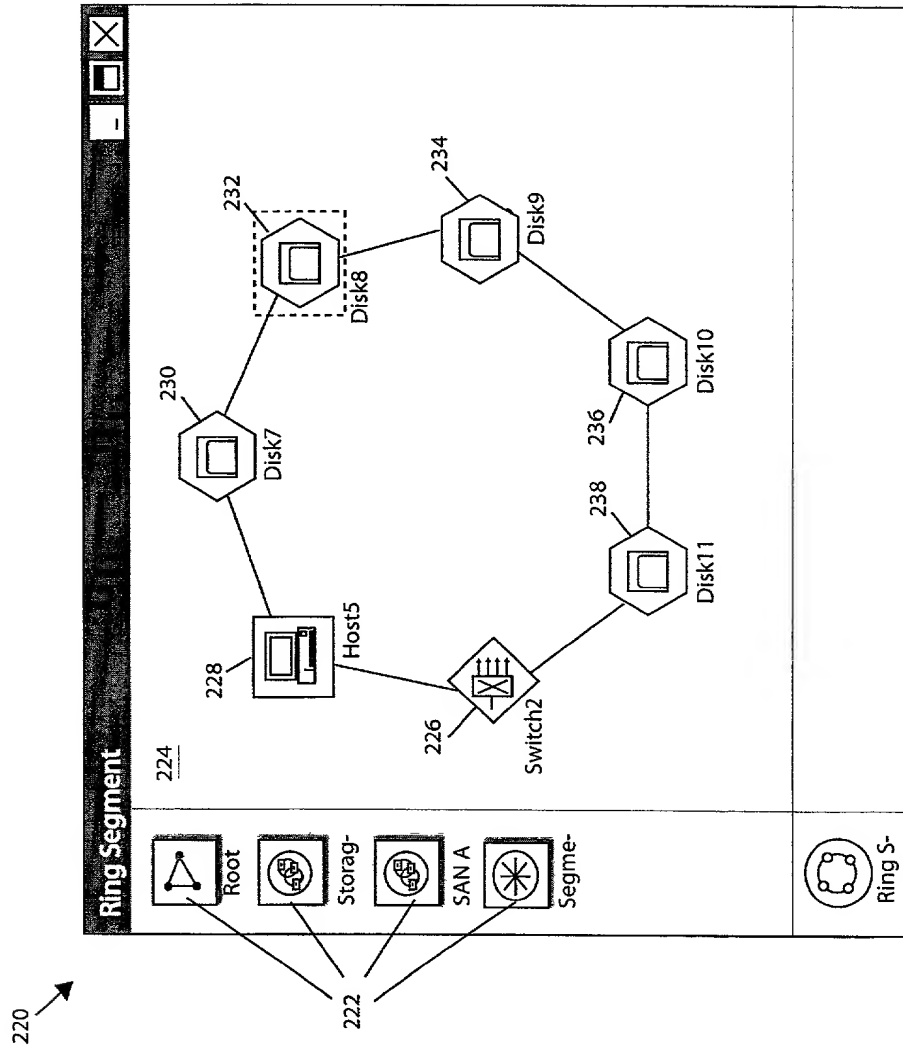


Figure 32

Figure 33

242

SAN Domain (Defaults)

244

- Monitor Flag (On)
- Extend Flag (On)
- Threshold Value (90%)
- LUN Group (any)
- Extension Minimum Size (1GB)
- Extension Maximum Size (10 GB)
- Max File System Size (30 GB)
- Alert Interval (1 day)

246

Host Group A

248

Threshold Value (75%)

250

Host 1

252

LUN Group (RAID1)

254

Host 2

256

Extend Flag (Off)

258

File System J

260

Extend Flag (On)

262

Max File System Size (500 GB)

264

Alert Interval (7 day)

266

Host Group B

268

Threshold Value (85%)

270

Host 3

272

Host 4

274

Host 5

276

Host 6

278

Threshold Value (80%)

280

LUN Group (Shark-2)

282

Max File System Size (500 GB)

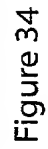
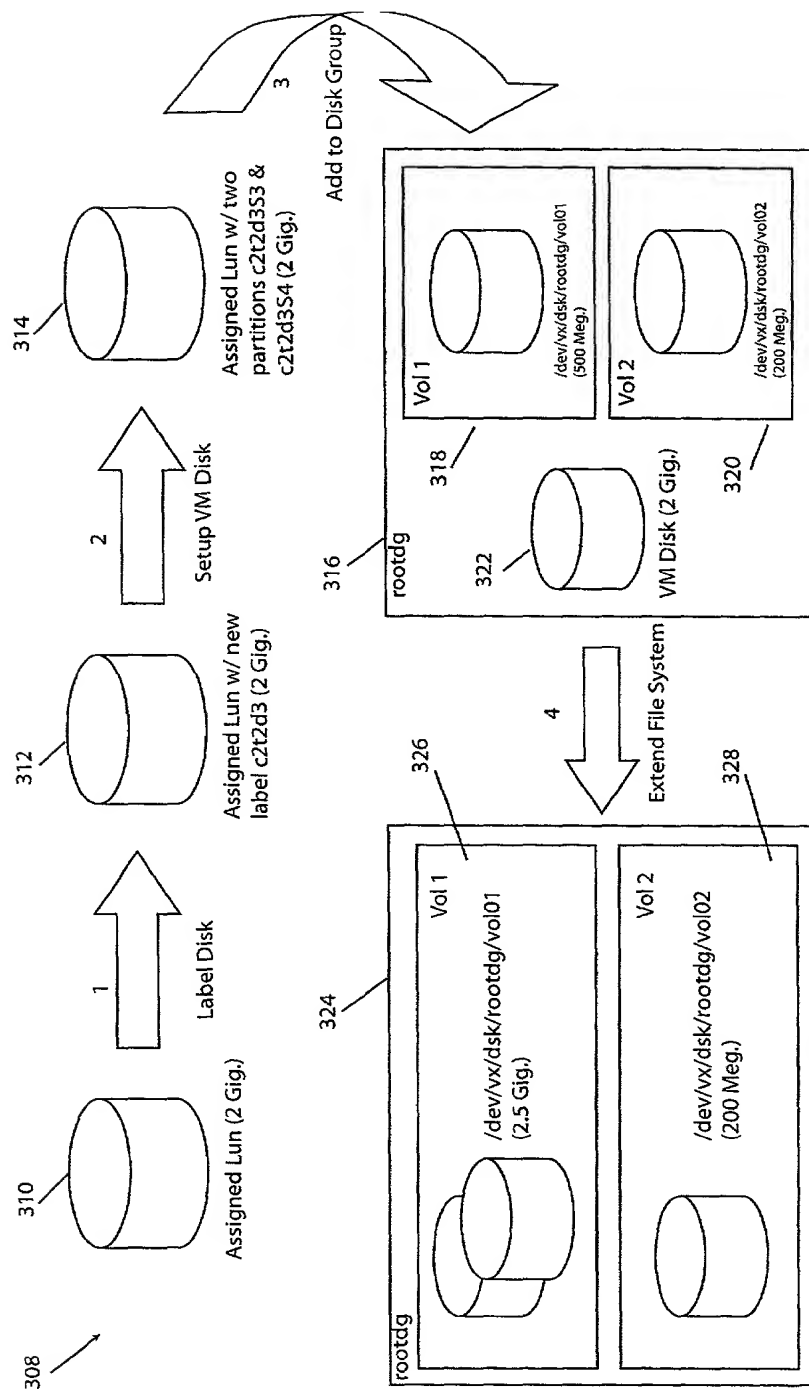


Figure 35





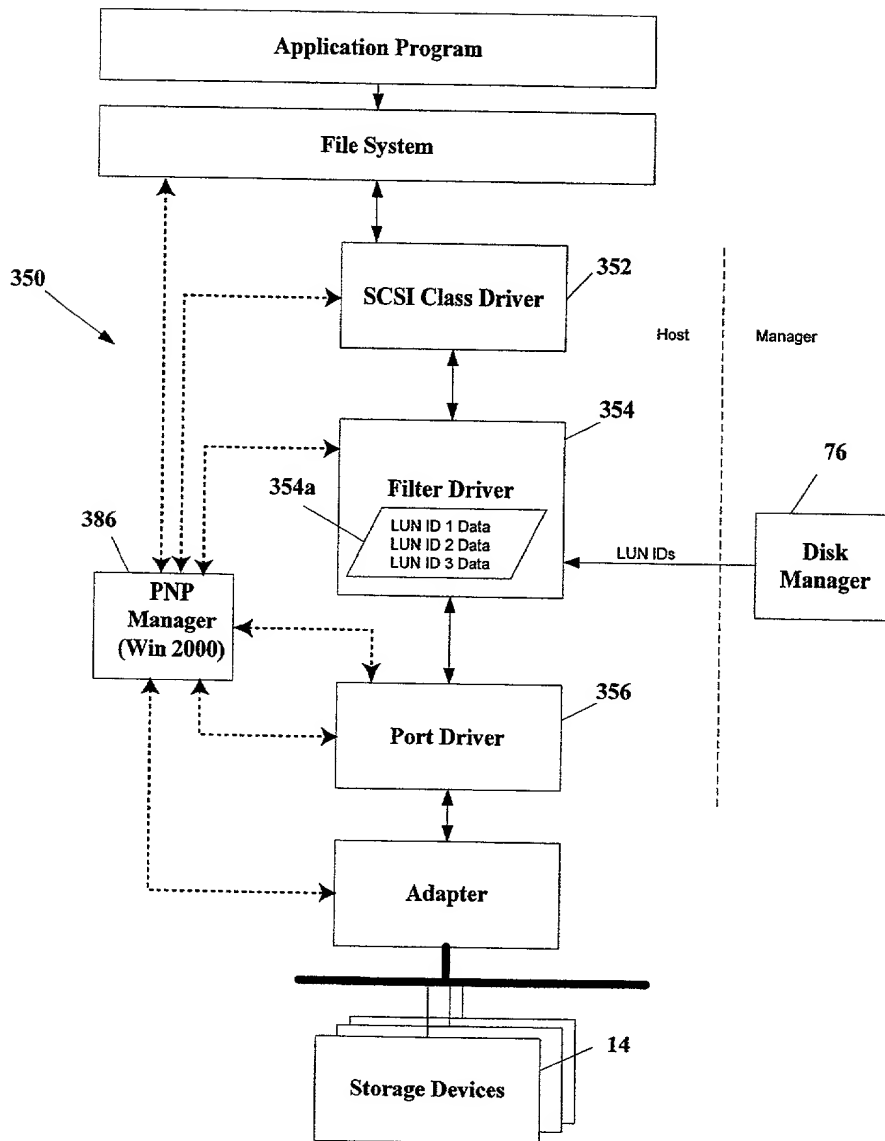


FIGURE 36

Figure 37

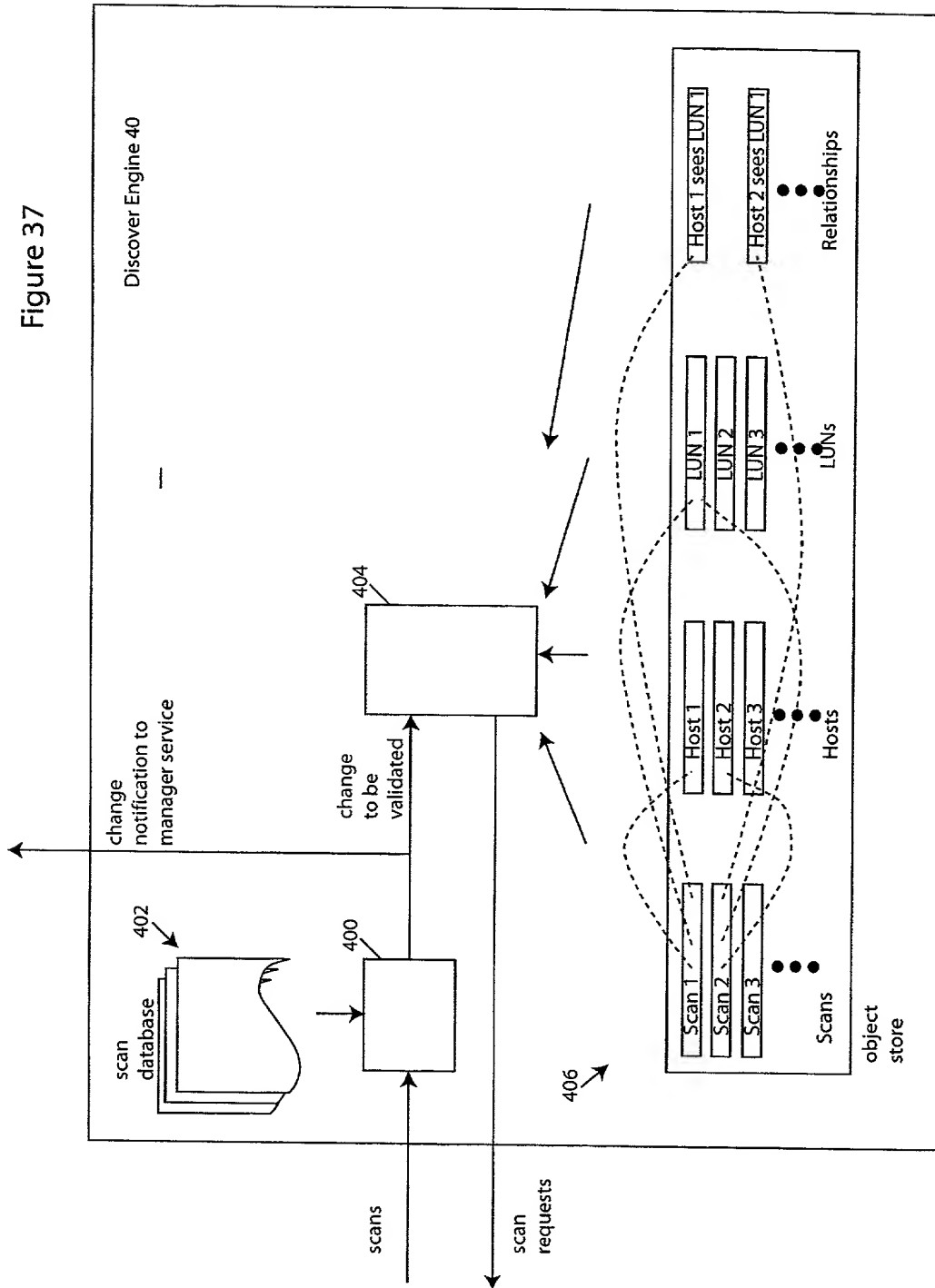


FIG. 26

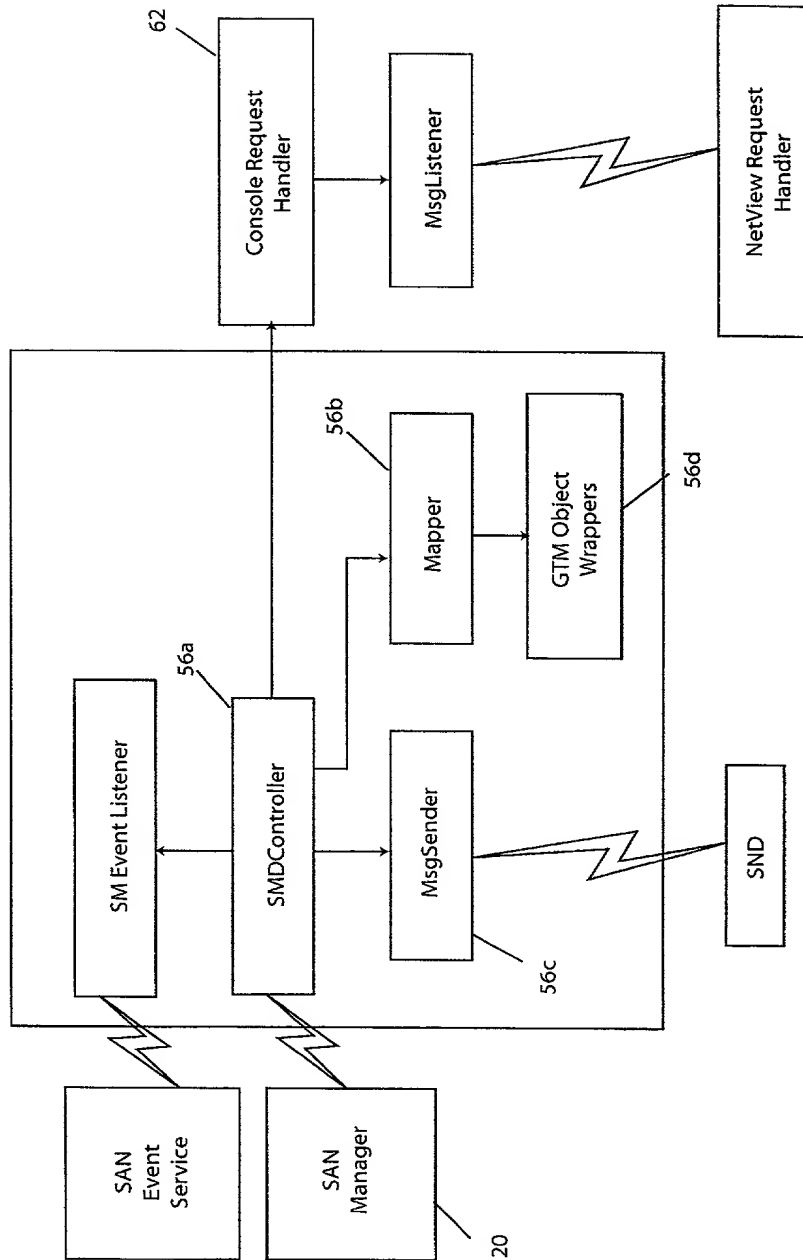


Figure 38

364

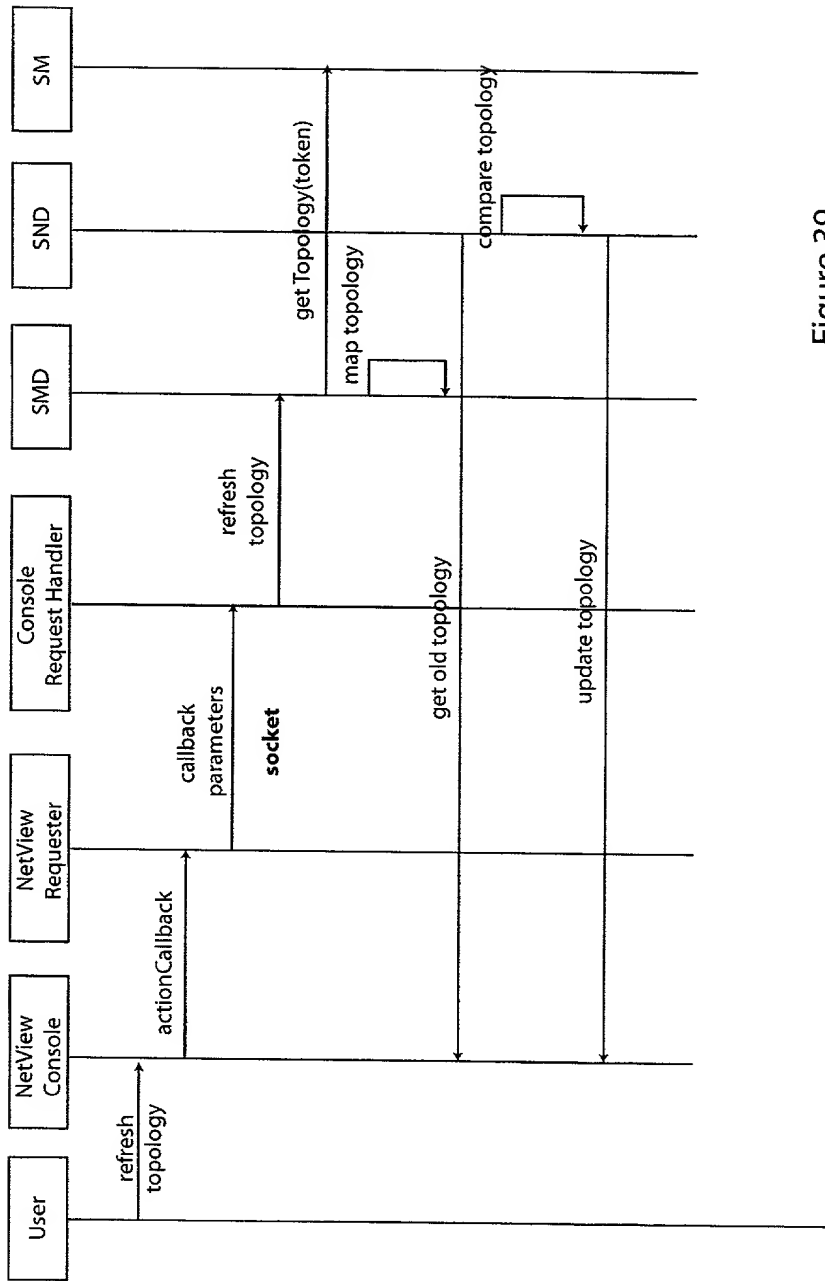


Figure 39

FIG. 26

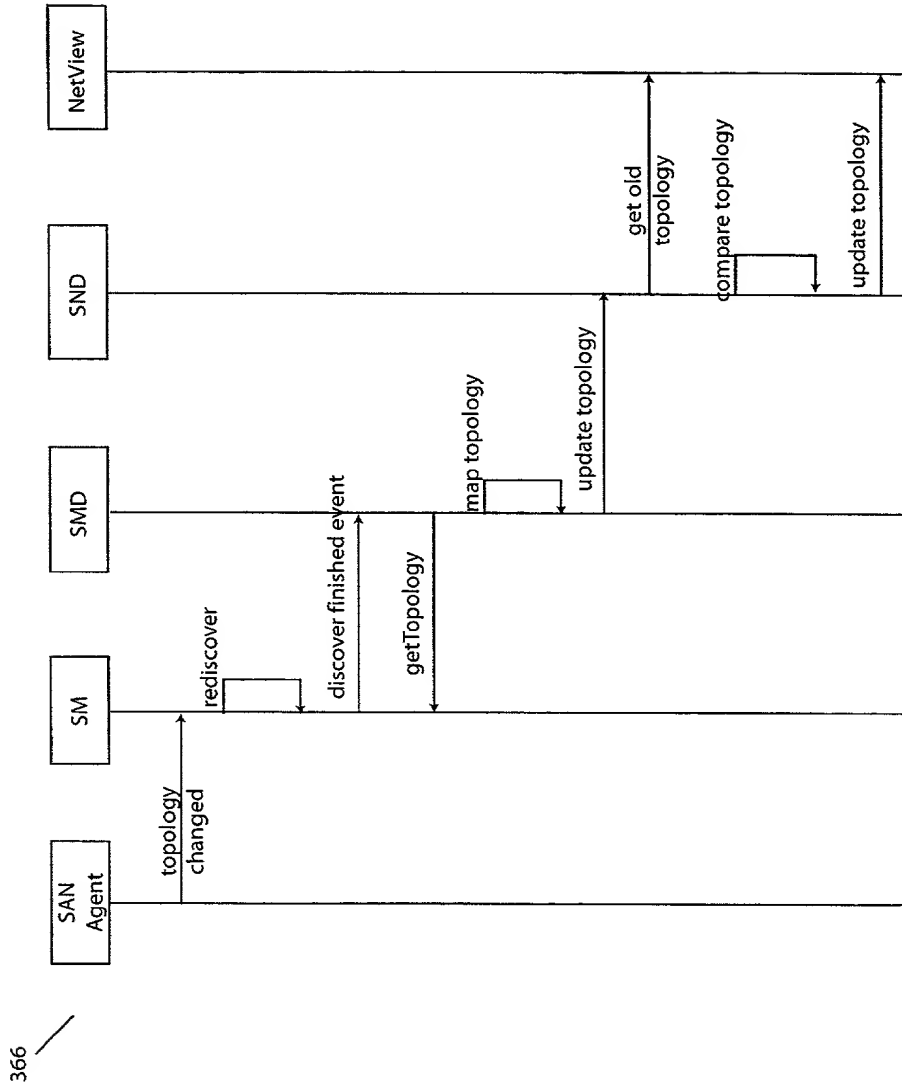


Figure 40

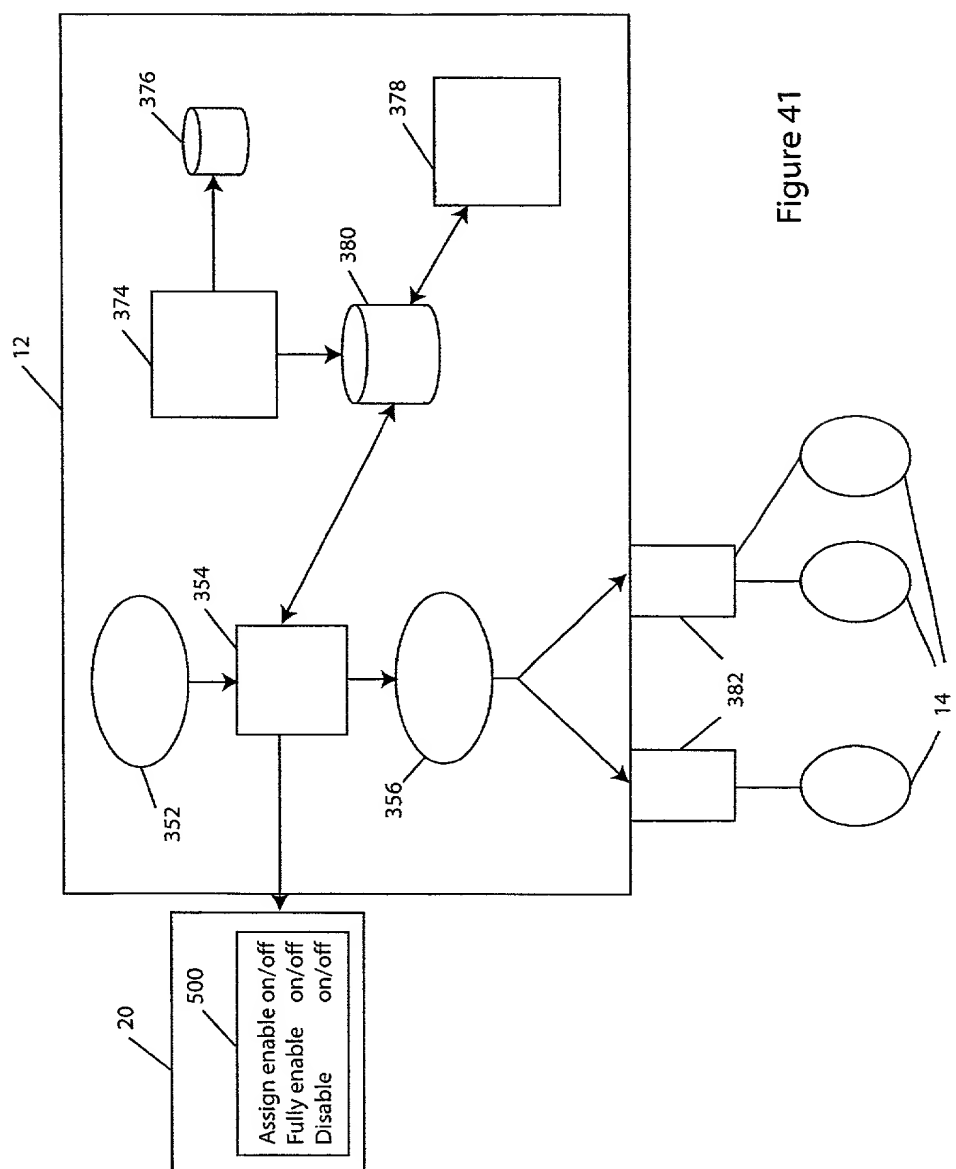
[illegible]

Figure 41



FIG. 43

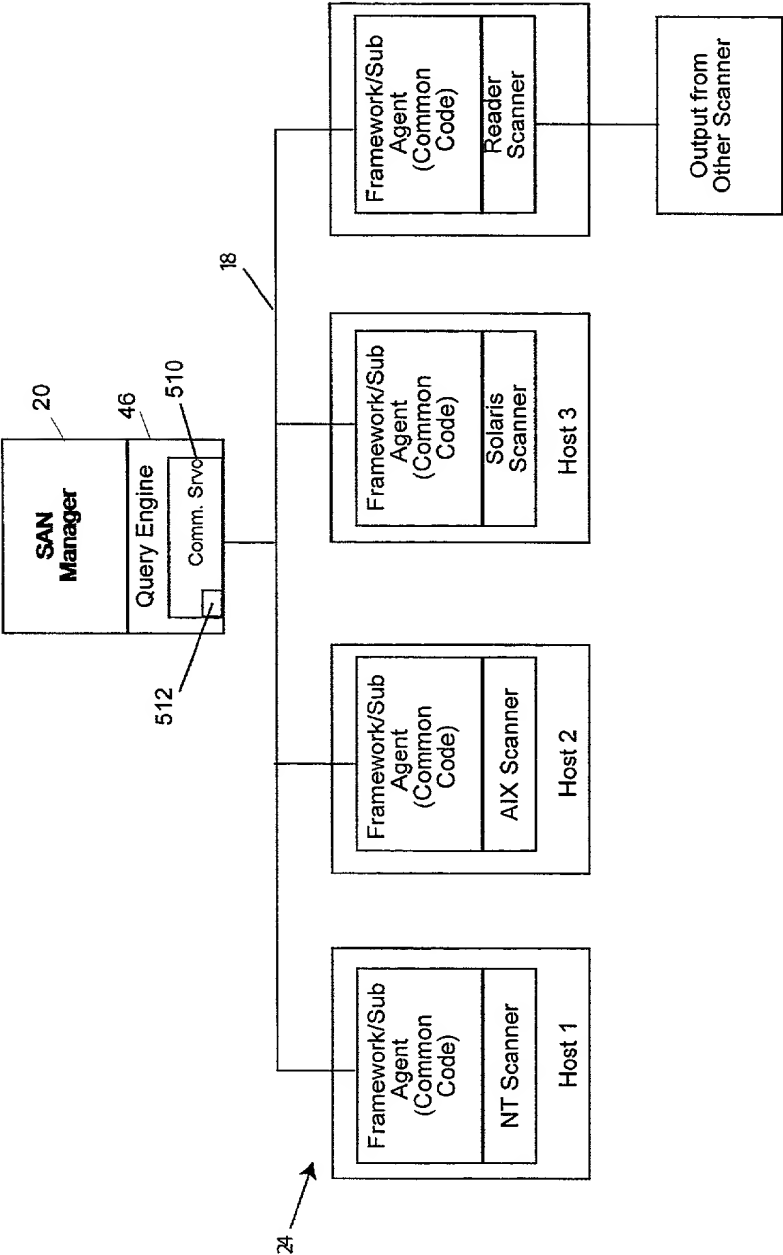


Figure 43